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American Association of Blood Banks
1985 Annual Report



Blood: The Gift of Life.

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**American Association of Blood Banks
1985 Annual Report**

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President's Report



Grace M. Neitzer
MT(ASCP)SBB

The year as President of the American Association of Blood Banks is a challenging, exciting, and very gratifying experience. For me, the full appreciation came only when the year was completed. One thing is very clear—while the challenges are different and the decisions to be made add a measure of urgency, the satisfaction of serving the Association is much the same, whether it is as a committee member, committee chairman, or officer of the Board of Directors. This satisfaction stems from pride in the achievements of AABB and from a feeling of self-worth resulting from personal involvement. This strong sense of personal satisfaction has long been the hallmark of the AABB. The strength of the Association stems from this involvement.

What is the AABB? How has it grown and prospered? How is it perceived by its constituents and, conversely, by others?

The American Association of Blood Banks was formed by institutional members and still is viewed by many as a self-serving trade organization. The members of AABB, on the other hand, identify the organization as a professional society that provides scientific forms and educational programs, and develops and promulgates standards of practice. The professional aspect of the society includes a spectrum of interests—medical, scientific, technical, management, and public relations. This diversity of interest among its membership and the unique opportunity to work together for common goals contributes to the strength of the Association. As a professional society, the AABB provides an environment for the personal growth of its members.

We will soon be celebrating the 40th anniversary of AABB. The 40/50 Committee, chaired by Paul Schmidt, MD, has been appointed to coordinate the celebration of our 40th birthday with recognition of the 50th anniversary of blood banking. It is time for us to reflect with pride on our achievements. At the same time, we must look to the future and chart our course accordingly. Our course must consider the needs of our diverse membership, but also must consider the needs and interest of those we serve, professionals in other fields, donors, patients, and the public. With careful thought and enthusiastic action, we can assure the continued commitment and growth of the Association and its members.

AIDS and HTLV-III Antibody Testing

It was a pivotal year for blood banking, as the FDA licensed the new HTLV-III antibody ELISA test in March. AABB notified its members immediately, and by July, all units of blood collected by member facilities were required to be tested.

In April, with the College of American Pathologists, AABB instituted an HTLV-III antibody screening proficiency program. It provided preliminary guidelines on test implementation, products in inventory and labelling. In June, it issued, with the American Red Cross, recommendations on notification of donors who had positive antibody tests and recipients from donors who later developed AIDS. All actions were taken prior to federal rules first proposed in February, 1986. In September, members were notified of the Department of Defense decision to require notification of military authorities when active duty personnel, whose blood was collected on military premises, tested positive for the antibody to HTLV-III.

Beginning in the fall of 1984, the AABB, with assistance from several member facilities, provided samples from individual blood donors to assist the FDA in developing HTLV-III antibody test kits. Once testing began, AABB collected data on test results from its members and provided the information to the FDA.

The AABB also provided members with continual new information on developments in AIDS and antibody testing through its publications, and through continuing education activities at the AABB Annual Meeting.

Issues Leadership

In keeping with its purpose of providing leadership on important issues in transfu-

sion medicine, the AABB sponsored, with the National Health Lawyers Association, a seminar on "Legal Issues in Transfusion Medicine," in September in Washington, D.C. Nearly 200 attorneys and blood bankers convened to hear discussions about liability, informed consent, directed donations, negligence, confidentiality, and refusal of treatment, among other issues. Due to the success of this venture, AABB will continue to present conferences on current and controversial issues of interest to blood bankers.

Media Campaign

To provide accurate and reassuring information about the safety of the nation's blood supply, the AABB held a press conference at its Annual Meeting in October. Nearly 60 members of the press attended this conference and other functions at the meeting, resulting in stories in a number of newspapers and on television and radio across the country. Publicity efforts were also successful in bringing the implementation of antibody testing to the attention of the media. These were the first steps in an effort by the AABB to be proactive in communicating to the public about blood banking and transfusion medicine, and in strengthening relationships with the media.

Blood Donor Month

The AABB kicked off January, 1985, as National Volunteer Blood Donor Month by capitalizing on its theme, "Lend a Hand for Life, Give Blood." Public service announcements were made available to members and sent to numerous TV and radio stations, garnering millions of dollars in free air time. The "Lend a Hand" psa was donated by a group of 10 blood centers in the South Central District. Posters and fliers were also developed.



Legislative and Regulatory Assistance

A number of issues, particularly those concerning AIDS, were dealt with by federal and state legislatures and regulatory agencies in 1985. The AABB testified before Congress, tracked legislation, responded to inquiries and proposals, provided medical and technical expertise for government panels, and kept the membership advised of legislative and regulatory developments. Amicus briefs were filed with the court in the donor confidentiality case, *Rasmussen v. South Florida Blood Service*. The AABB also responded at length to the Uniform Blood Labelling regulations proposed by the FDA, and cooperated with the Congressional Office of Technology Assessment in its report on "Blood Policy and Technology."

Recognition of Excellence

To recognize excellence in the field of blood banking and contributions to the Association, the AABB presented 21 awards at its Annual Meeting in Miami Beach, including the Karl Landsteiner Memorial Award to Saul Krugman, MD, for his important contributions to the understanding of hepatitis. Awardees are nominated by AABB members. In 1985, AABB also certified 265 Specialists in Blood Banking (SBBs), and 174 Technologists in Blood Banking (BBs), and recognized the contributions of 521 10+ gallon donors and 468 corporate donor groups through the Corporate Honor Roll.

The Largest Meeting in Blood Banking Worldwide

The AABB's Annual Meeting has become the largest blood banking meeting and exhibit in the world. At the Miami Beach meeting, October 19-25, 1985, the second largest in AABB history, 6295 blood bankers attended 60 programs, heard 228 oral and poster presentations, viewed 109 exhibits and relaxed at 10 social functions.

Publications

The ninth edition of the *Technical Manual*, AABB's bible of blood banking, was published in 1985. The Silver anniversary edition (11th) of the *Standards for Blood Banks and Transfusion Services* was published in late 1984. Over 20,000 copies of the *Technical Manual* were sold. In addition, fifteen books were published during 1985, including the *Directory of Community Blood Centers*, the *Membership Directory*, the *Administrative Manual* and workshop books on such subjects as workload recording,

forensic science, immunology, hemotherapy, genetics donor room policies and serological problems. Also completed in 1985 were the final components of the Blood Transfusion Therapy program, including patient management problems, and audio-visual program.

Research

In this era of federal cost-cutting, funding for necessary research is increasingly a responsibility of the private sector. To respond to such a need, the AABB, in 1984, established a Research Foundation to fund studies in blood banking and transfusion medicine. In 1985, the first grants were awarded to four researchers. AABB members contributed almost \$38,000 to the Foundation to support its work, and the Board of Trustees has formed a development committee to initiate further fund-raising efforts.

Representing a Wide Spectrum of Blood Bankers

Because it represents a variety of blood bankers with different backgrounds, the AABB continuously strives to include all in its activities and programs. Thus, in 1985, through its Administrative and Scientific Sections, through publications, through special interest forums at the Annual Meeting, and through special committees, such as Nursing and Donor Room Personnel, the AABB represents the diversity of background, education and knowledge that is blood banking today.



Educating for Growth

Twelve regional technical workshops and three workload recording method workshops were held in 1985, bringing specialized technical continuing education to cities from Boise to Utica. CEUs were available for the numerous workshops held at the Annual Meeting in Miami Beach. In addition to the certification of SBBs and BBs as noted above, those responsible for planning AABB's continuing education programs are investigating how they can bring these programs to even more individuals through alternative technologies such as teleconferencing.

Looking toward the Future

AABB is planning for the future of blood banking and transfusion medicine by developing programs in new areas of interest such as transplantation, home transfusion, autologous transfusion and therapeutic apheresis. In the transplantation area, the AABB has developed a bone marrow transplant information service to match transplant centers with donor facilities. In conjunction with other blood banking organizations, the AABB has submitted a proposal to the US Navy to operate a national network for bone marrow donors. In the fall, the Scientific Section published a paper in *Transfusion* concerning home transfusions, and work will continue on that issue in 1986. An information exchange was established for autologous transfusion and donation programs and a survey was conducted to show the most common uses for therapeutic apheresis.

Services to Patients and Donors

AABB provides services to patients and donors by establishing standards for blood banks and transfusion services, and by inspecting and accrediting those facilities. Over 1000 facilities were inspected in 1985 and found to meet the AABB's standards for quality. Facilities participating in the AABB Inspection and Accreditation program are inspected every two years. In addition, 470 of the AABB's more than 550 volunteer inspectors attended six workshops in 1985 to discuss, review and learn about changes in the AABB accreditation requirements.

In a new program, AABB accredited 21 parentage testing laboratories in 1985. Such accreditation establishes that the level of technical and administrative performance by the facility meets the rigorous standards developed by the AABB. The standards are subject to revision as the state-of-the-art and experience dictate.

In addition, the AABB recognizes 45 reference laboratories that perform specialized testing and procedures and answer difficult questions for AABB member facilities. Through its Rare Donor File program, more than 500 units of rare and phenotyped blood was shipped in 1985. The Clearinghouse Lifeline program, now known as the National Blood Exchange, processed more than half a million transactions including over 300,000 shipments of blood and components, and more than 100,000 replacement credits. The Clearinghouse in 1985 had 844 direct, auxiliary and affiliate participants serving 1,873 transfusion services. The AABB also operates a workload recording program to assure efficiency, which was used by more than 900 facilities last year. Also, several facilities performed time studies to assist in setting 20 new unit values for the program.

Providing Information

Through its publications and newsletters, the AABB has excelled in keeping its members and the industry informed of current activities, events and issues. *Transfusion* provides the latest in scientific research on transfusion medicine. *News Briefs*, mailed to all 10,000 AABB members, reports on AABB activities and programs, issues of interest and the latest developments in the legislative and regulatory arenas. *Blood Bank Week*, AABB's weekly newspaper, provided up-to-the-minute news about blood banking to 850 subscribers, focusing particularly on developments in the AIDS crisis. Special newsletters are produced intermittently, including *News and Views* for donor recruiters and public relations personnel, and *ASCC Notes*, for members of the Administrative Section.



Toby L. Simon, MD, Chairman

Committee on Association Questionnaires

Toby L. Simon, MD, Chairman

Margaret Hanson, MT(ASCP)SBB; Michelle D. Inkster, FAIMLS; Jacqueline D. Miller, MD; Page D. Sanchez, MHS, MT(ASCP)SBB.

Consultant: Herbert F. Polesky, MD.

Purpose: To assure that an appropriate annual questionnaire is submitted to and completed by institutional members of the Association, and that questionnaire information deemed appropriate by the Board is made available to the membership. To assure that any additional questionnaires submitted to the membership are appropriate.

The Committee on Association Questionnaires has been involved in the development of the Association Annual Institutional Questionnaire, the review of other Association questionnaires that are recommended by the Committee or other working groups for their appropriateness, and the development of a joint blood data working arrangement with other major blood banking organizations, particularly the Council of Community Blood Centers and the American National Red Cross.

The Committee reviewed and made several revisions to the Association's annual questionnaire this year. Changes were needed to reflect the introduction of HTLV-III testing and the emergency of directed donations as a manifestation of blood donation practices. In addition, information formerly gathered on a separate questionnaire on autologous transfusion practices was incorporated this year into the Association questionnaire. As always, the Committee had to deal with the issue of making the process of filling out the questionnaire as simple and straight-forward as possible for the membership while still gathering information needed to deal with significant issues and provision of data.

A variety of special questionnaires came to the Committee's attention, reflecting intense activity in many areas of blood banking. The Committee on Pediatric Hemotherapy developed a new questionnaire concerning neonatal transfusion practices for distribution. This was reviewed and finalized in concert with the Committee. The Hemapheresis Questionnaire was continued. That AABB Committee recommended that new information on organ transplantation and tissue banking be sought. Data was also needed by the Board and the National Office in dealing with the media.

Thus, special information was sought on issues of HTLV-III positivity and directed donations on an ad hoc basis.

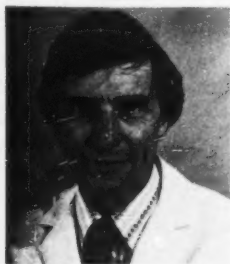
Since 1983 the Council of Community Blood Centers, the American Red Cross Blood Services and the Association have had an informal agreement to work together on the generation of appropriate data concerning blood collection and transfusion in the United States. The hope is that this effort would supplant the National Blood Data Center no longer being funded by the government and would provide adequate information for government officials as well as the private sector, in planning for the future of blood services. Herbert Polesky, MD, director of the Memorial Blood Center in Minneapolis, headed this effort. Currently, the Annual Association Questionnaire results are entered into data processing at that center and compiled. The first article in this series of joint data processing has appeared in *Transfusion*, Vol. 25, page 304, 1985. It was the report of the data for 1981.

The Committee hopes to write a special article on the combined data for 1982 and 1983. Hopefully the 1984-1985 will follow quickly and within the next year the Committee will become current in the analysis of blood banking data for the United States.

One of the goals of the Committee for the future is to enhance and increase the cooperation in this blood data gathering effort. This would result in more useful and pertinent publication and better information for all parties concerned with the future of blood services.

The Committee meets by conference calls during the year and at the Annual Meeting. Input from committee chairmen and members and from the membership in general is important. A number of committee chairmen and members submitted comments and suggestions that were incorporated into the last annual questionnaire. The Committee sincerely invites the input of all interested parties within the AABB. Letters written either to the chairman or to the National Office staff for the Committee, Peter Kehoe and Chris Saul, will receive the attention of the entire Committee and be incorporated into the agenda of its meetings.

The goal of the Committee remains to increase the amount of useful available data while minimizing the intrusion and inconvenience on the membership. This is a difficult balance to strike and will continue to challenge the Association Questionnaires Committee in the years ahead.



Jon E. Boline, MD
Chairman



Edward O. Carr, MT(ASCP)SBB
Chairman

Committee on Blood Bank Workload Recording

Jon E. Boline, MD
Chairman

Michael L. Baldwin, MT(ASCP)SBB; C. Brian Cheney, FIMLS; John Giandelone, MT(ASCP)SBB; Curtis N. Hunt, MT(ASCP); Harold S. Kaplan, MD; Louisa Y. Ni; H. Neal Smith Jr., (ASCP)BB.

Liaison: Robert S. Cox, Jr., MD, CAP.

Purpose: To develop and maintain a current, comprehensive library of workload recording values for blood banks and transfusion services and to define a workload recording system that will be compatible with the CAP system.

The Workload Recording Committee had a productive and successful year in 1985. Three regional workshops in Workload Recording were presented during the year and a basic workshop was given at the Annual Meeting in Miami.

The Committee developed an advanced workshop which was given for the first time at the Annual Meeting. The workshop and its companion publication were entitled "Management Applications: Blood Bank Workload Recording."

The time study editor edited 48 time studies in 1985 which resulted in the approval of 20 new unit values. The Committee's work was greatly assisted by the Committee on Histocompatibility, who worked with the time study editor in developing the time study format for procedures in the HLA area. The Committee on Histocompatibility members also contributed many time studies which resulted in development of initial values for HLA procedures.

The Committee defined the following areas as priority for time studies to develop unit values for: outpatient transfusions, autologous donations, HTLV-III testing, and releasing blood. Any member that is interested in performing a time study in any of these areas or any other should contact the time study editor at the National Office.

Committee on Clearinghouse Lifeline Program

Edward O. Carr, MT(ASCP)SBB
Chairman

William E. Bristow, MT(ASCP); Michael C. Couch; Col. R. James Glikes (Ret); Jayne M. Myers; Sharon C. Perkins; Irene E. Roeckel, MD; Mary Lou Vedo, MT(ASCP)SBB.

Liaisons: James B. Hubbard, ABC; Hayle B. Randolph, MT(ASCP), CCBC.

Purpose: On behalf of the Association, make policy for the Clearinghouse Lifeline Program and provide assistance to the National Office to insure effective and responsible service to Clearinghouse members.

The National Committee on Lifeline Program met in January and June in Arlington, VA and in October at the AABB Annual Meeting.

The major portion of the Committee's work this year has been spent in simplifying the Clearinghouse Program and the Clearinghouse statement. Because the cost to process each freight document was \$2.00 and no transaction fee was being charged, freight charges will no longer be handled by the Clearinghouse. To recover the cost of freight for the inter-district shipper, the cost per unit may be negotiated to include freight charges.

Because Blood Replacement Exchange participants paid \$0.80 per unit in transaction fees on some units while Blood Cooperative participants always paid \$0.40 per unit, the Committee recommended the elimination of transaction fees charged on indebtedness. To keep Clearinghouse revenues at their current level, the transaction fee was increased to \$0.55, the effective rate being paid if all participants had been billed in the same manner without indebtedness. The Clearinghouse statement has been simplified to post both Exchange and Cooperative activity in one column. All activity will be posted as "Credit/Fees for Replacement, Blood/RBCS, Components and Transaction Fees".

The Clearinghouse Guide was rewritten to conform to the simplification plan. Updated copies of the Guide will be distributed to participants in the first quarter of 1986.

The Committee is also preparing two videos, one to explain the Clearinghouse Program and the other to explain how to use Clearinghouse forms correctly. The Committee has reviewed suggested Clearinghouse prices to determine whether or not they should be changed. Prices will



Byron A. Myhre, MD, Ph.D.
Chairman



Evelyn Bizjak, RN
Chairman

continue to be reviewed annually and will be increased or decreased as necessary.

In February, the Northeast District Clearinghouse Office was moved to Arlington, Virginia. In November, the resignation of Sue Gleason, the South Central District secretary, prompted the relocation of the South Central District Office to Dayton, OH. These moves will result in considerable savings to the Clearinghouse and should enable us to keep transaction fees at their current level.

In November, the Clearinghouse participated with the Department of Defense in the exercise of our emergency preparedness.

The Clearinghouse is the only coordinated nationwide system available for inter-blood bank resource sharing. In 1985, a total of 522,511 transactions were processed, down slightly from 1984. Of these transactions, 112,142 were replacements in the names of specific patients and 304,487 were shipments of blood and components. At the end of 1985, the Clearinghouse had 844 direct, auxiliary and affiliate participants serving patients in 1,873 transfusion services. Most gains in participants have been in the Cooperative Program.

For his years of service to the Clearinghouse, special thanks is given to committee member Col. R. James Glikes (Ret) who retired from the committee this year. We are also appreciative of the years of service given by Frances Lewis and Sue Gleason, former Northeast and South Central District Secretaries, respectively.

The Committee extends its sincere appreciation to the Board of Directors, the National Office and Clearinghouse staffs, as well as to representatives of Clearinghouse participating blood banks and transfusion services for their endorsement, enthusiasm and support of the program for the benefit of donors and patients nationwide.

Committee on Computer Systems and Applications

Byron A. Myhre, MD, Ph.D.
Chairman

W. H. Churchill, MD; Fred Dettmer; Donald M. Elliott, MS, MT(ASCP)SBB; Jack L. Hoffer, MT(ASCP)SBB; Glenn S. Hooper, MD; Annie Laurie Samuels; Joel M. Solomon, PhD.

Purpose: To advise Association members and industries regarding computer systems and applications that relate to blood bank issues (i.e., donors, patients, management, and education).

The Committee on Computer Systems and Applications held its second annual workshop on the use of computers in the blood bank. At the Annual Meeting, the Committee presented the first series of open forums on the use of computers in blood banking. In addition, study on the use of one of the commercial electronic bulletin board systems found that this system did not suit the needs of the organization and at this time it has been discontinued. The Committee will follow up on the electronic bulletin board concept for the next year.

Committee on Nursing and Donor Room Personnel

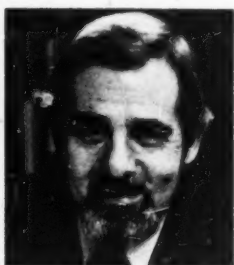
Evelyn Bizjak, RN
Chairman

Martha N. Braddock, RN; Nancy J. Gianino, RN, BSN; Dennis G. Hendren, MT (ASCP)SBB; Antoinette Linville, RN; Eudora McMillan, RN; Roberta D. Schell, RN; Danna Sorenson, RN; Del Steckler, RN.

Purpose: To provide expertise concerning the responsibilities of nursing and donor room personnel in allied sciences that pertain to blood banking.

The Committee presented two sessions of special interest to nurses and donor room personnel at the Annual Meeting in Miami. The session entitled "Prevailing Changes in Blood Banking" dealt with the use of non-licensed personnel in a positive manner, donor testing in today's environment and changing patterns in blood donations and usage. The second session was a "Forum For Directors of Nursing." Subjects discussed were the economics of blood banking, the nurse manager, the use of computers in donor procurement, community input, the implementation of new programs and maintaining professionalism utilizing a non-licensed staff.

In conjunction with the ASCC, the Committee worked up the first draft of a Mobile Management Self Analysis study to determine the efficiency of mobile units. This draft will be refined in 1986 and "benchmark" measurements will be published.



Peter D. Issitt, FIMLS, MiBiol,
MRCPath
Chairman

Work is progressing on an audio visual aid to be used by hospital transfusion teams. This project will be completed in 1986.

A manual for nurses and donor room personnel may be purchased from the National Office. This manual was published as a result of the Technical Scientific Workshop presented in Miami and is a handy reference for donor room personnel.

The Committee on Nursing and Donor Room Personnel has prepared an outline for a basic training curriculum for entry level or semi skilled donor room employees. This outline, a joint project with the Committee on Education, is being reviewed by the Committee on Education.

Committee on Rare Donor File

Peter D. Issitt, FIMLS, MiBiol, MRCPath
Chairman

Jacquelyn Fredrick, MT(ASCP)SBB;
Charles E. Huggins, MD; William E. Kline,
MS, MT(ASCP)SBB; Delores M. Mallory,
MT(ASCP)SBB; Bernice Sabo, MT(ASCP)
SBB; Kathleen J. Skradski, MT(ASCP)SBB;
Judy A. Tessel, MT(ASCP)SBB; John
Moulds, MT(ASCP)SBB, Ex-officio Member.

Purpose: To maintain a file of donors with rare blood.

In 1985 the AABB Rare Donor File laboratories shipped 540 units of blood to institutions outside their own service areas. Of the units shipped, 186 were rare and 354 were uncommon and/or fully phenotyped. This represented a 27 percent increase in the number of rare and a 43 percent increase in the number of uncommon and/or fully phenotyped units shipped, when compared to the previous 12 months. Of 45 immunohematology reference laboratories who held AABB-accreditation for the entire 12-month period, 29 were blood centers with access to large number of blood donors and units, 13 were primarily hospital transfusion services with access to fewer donors and units and three were reagent manufacturers with very little access to blood available for transfusion. Twenty-three of the blood centers and three of the hospital transfusion services participated in making the 540 units of blood available.

In spite of the considerable increase by participants in the Rare Donor File, the number of rare and uncommon units available, as shown by the annual inventory compiled in December 1985 was essentially the same as in November 1984. There were 1462 group O and 320 other than group O units of rare blood frozen at centers around the country. Participants call in

donors when rare blood is needed so newly-drawn units are shipped, and/or replace units shipped from frozen inventories.

The total number of rare donors registered at the participating institutions increased during the year. As of December 1985, 764 group O and 82 other than group O donors were registered. This represented registration of 147 new rare donors during the year. The number of units frozen for autologous transfusion also rose by 92, to a total of 158 (111 group O, 47 other than O). Some of these units are available for patients other than the donor, in acute emergencies. Particularly pleasing, in view of the program conducted in 1984 to identify more Rh-negative rare donors, was the fact that the number of such units available in the frozen inventory increased by 88 percent during the year (that figure does not include any units for autologous transfusion). The total number of fully phenotyped donors exceeded 13,000.

The Rare Donor Program is one about which AABB members can be justifiably proud. The transfusion needs of patients with antibodies directed against very common antigens, and those who have formed multiple antibodies, are efficiently met. The program requires minimal administration by the Committee, thanks entirely to the hard work, skill and enthusiasm of the technologists, scientists and physicians working at participating institutions. This Committee extends its thanks to each of those individuals for another highly successful year.





John Moulds, MT(ASCP)SBB
Chairman



Edwin F. Smith
Chairman

Committee on Reference Laboratories

John Moulds, MT(ASCP)SBB
Chairman

Linda Israel, MT(ASCP)SBB; Delores M. Mallory, MT(ASCP)SBB; Ethel Patten, MD; Herbert A. Perkins, MD; W. Michael Tregellas, MT(ASCP)SBB; Deborah L. Weiland, MS, MT(ASCP)SBB; Susan Wilkinson, MT(ASCP)SBB; Peter D. Issitt, FIMLS, MIBiol, MRCPPath, Ex-officio Member.

Purpose: To develop and maintain criteria for accrediting laboratories to which blood banking problems can be referred for consultation.

At the request of the AABB Subcommittee on SBB Certification, the personnel of various AABB Immunohematology Reference Laboratories again acted as referees for testing of samples for the SBB practical exam.

The committee was given a large volume of anti-*Vel*, anti-*P*, and anti-*e* sera from various laboratories. This serum was made available to immunohematology reference laboratories to be used in testing of donors for their own files and for the AABB Rare Donor File.

The success of the Joint AABB-ARC Immunohematology Reference laboratory Conference in 1985 has prompted the proposal of a two-day symposium for 1987. It is presently in the first stages of development. The purpose is to provide a place for exchange of the current technological advancements in an atmosphere conducive for exchange of recently acquired information and knowledge. The meeting will exclusively address im-

munohematology reference laboratory problems and is intended to increase the communication among various reference laboratories and foster closer working relationships among all reference laboratories.

There are currently 45 accredited AABB immunohematology reference laboratories.

Ad Hoc Committee on Elections

Edwin F. Smith
Chairman

Malcolm L. Beck, FIMLS, MIBiol; Donald T. Dougherty; Paul Ness, MD; Donna D. Staub; Walter T. Watts, MT(ASCP)SBB.

Purpose: To ensure that elections at the Annual Business Meeting are conducted in accordance with Association policies.

The Ad Hoc Committee on Elections coordinated the elections process at the Annual Meeting by monitoring the distribution of credentials and the proper arrangement of the delegates. Between annual meetings, the Committee reviewed items referred by the Board of Directors that deal with policy and procedures of the elective process. The Committee performed its assigned duties with efficiency during 1985 and remains ready to respond to appropriate assignments in the coming year.



Educational Council



Armand B. Glassman, MD
Chairman



Susan M. Steane, MS,
MT(ASCP)SBB
Chairman



Charles H. Wallas, MD
Chairman

Committee on Accreditation of SBB Schools

Armand B. Glassman, MD
Chairman

Louise J. Keating, MD; Melanie S. Kennedy, MD; Patricia C. Tanley, MT(ASCP)SBB; Pamela J. Troyer, MT(ASCP)SBB; Joberta Wells, MT(ASCP)SBB; Laura Lee Woods, MT(ASCP)SBB.

Purpose: To serve as a joint review board in collaboration with CAHEA for the accreditation of educational programs for Specialists in Blood Bank Technology.

The Committee on Accreditation of SBB Schools addressed the charges as given by the Board. Actions included increasing the accreditation fee from \$175.00 to \$300.00 and inspection and accreditation of the SBB Schools.

The Committee printed a new SBB Program brochure and completed the *Committee on Accreditation Policies and Procedures Manual*. Louise Keating, MD, was appointed Committee chairman in November.

The active and dedicated support of Mrs. Debbie Butler-Newman is recognized and greatly appreciated.

Committee on Certification (SBB/BB)

Susan M. Steane, MS, MT(ASCP)SBB
Chairman

Peggy J. Brown, PhD, MT(ASCP)SBB; Sandra Carter; David E. Jenkins, Jr., MD; Ruth Mougey, MT(ASCP)SBB; Paul Ness, MD; Susan D. Rolih, MS, MT(ASCP)SBB; Fay Weirich, MT(ASCP)SBB.

BoR Appointees: Jacqueline D. Miller, MD; Janice H. Parrish, MT(ASCP)SBB.

Consultant (BoR): Marjory Stroup, MT(ASCP)SBB.

BoR Representative: Margaret A. Helgeson, MS, MT(ASCP)SBB.

Purpose: To serve as an AABB/Board of Registry Committee for BoR examinations in blood banking. To serve as an advisory group to the Board of Directors of the AABB on all matters pertaining to certification of blood bank technologists.

The AABB Committee on Certification serves as the advisory group to the AABB Board of Directors on matters of certification, and its members serve as the Members of the Board of Registry Blood Bank Examination Committee. The responsibilities

of the committee include recommending eligibility requirements for the BB and SBB examinations, determining the subject matter on which examinees should be tested, preparing examination items, evaluating performance of items on examinations and communicating results to examinees.

Examination Statistics

1985 BB Examination

Examinees	239
Passed	174
Failed	65

1985 SBB Examination

Written

Examinees	383
Passed	236
Failed	147

Practical

Examinees	293**
Passed	264
Failed	29

** The 1985 practical examination was given to those who failed the 1984 practical examination in addition to those who passed the 1985 written examination.

The Committee directed most of its attention to the refinement of problem management cases for the 1986 SBB examination and to the addition of new multiple choice items for use in SBB and BB examination.

Committee on Education

Charles H. Wallas, MD
Chairman

Patricia A. Beckjord, MT(ASCP)SBB; Katherine B. Carlson, MT(ASCP)SBB; Richard J. Davey, MD; Katherine A. Davis, MT(ASCP)SBB; Richard S. Eisenstaedt, MD; Patricia L. Prewitt, MT(ASCP)SBB; Marcus B. Simpson, Jr., MD.

Liaisons: Armand B. Glassman, MD, Committee on Accreditation of SBB Schools; Fay Weirich, MT(ASCP)SBB, Committee on Certification (SBB/BB); Margaret A. Helgeson, MS, MT(ASCP)SBB, Board of Registry (ASCP); Joberta Wells, MT(ASCP)SBB, CAHEA (AMA).

Consultants: C. R. Macpherson, MD; Estre Culotta, MHS, MT(ASCP)SBB.

Purpose: To coordinate the programmatic educational activities of the Association and to serve as a means of communication between Association members active in the field of education. To provide specific information on educational topics as requested.



Robert E. Klein, MD
Chairman

In 1985 the Committee on Education developed a model curriculum for blood banking in medical technology training programs. This information will be published in the *Journal of Laboratory Medicine* in 1986. In addition, the Committee on Education and the Committee on Nursing and Donor Room Personnel began developing a Model Curriculum on Blood Banking for Nurses.

The Committee also comprised a content list of AABB publications from 1980 to the present. This document lists each AABB publication, chapter titles and authors. It will be made available to members in 1986 with revisions made each year.

A workshop entitled "Educational Programs in Transfusion Medicine," developed by the Committee on Education and recipients of the Transfusion Medicine Academic Awards, was presented at the 1985 AABB Annual Meeting and will be presented again at the 1986 meeting. A second workshop presented at the 1985 Annual Meeting, "Creative Techniques in Management and Adult Learning" also will be repeated at the 1986 meeting.

The third workshop presented at the 1985 AABB Annual Meeting was "Procedures in Test Construction and Item Writing." This was the third time this workshop had been presented.

Also at the Annual Meeting, the Committee presented the Forum for SBB Program Faculty. The Forum topic was "Finding and Funding Students" and was attended by 35, mostly SBB program education coordinators. The forum utilized a round table format and was well received. The Committee plans to present another forum during the 1986 Annual Meeting.

An educational seminar on "Strategies for Career Planning" and "Educational Strategies" was presented on March 26 and 27, 1985 in conjunction with the joint AABB/ARC Reference Laboratory Conference in Airlie, VA. The one and a half day seminar featured a combination of lecturers and small group discussions. The Committee is considering presenting a similar seminar in 1987.

An SBB Program graduate questionnaire to assess training programs and career opportunities was developed and mailed to approximately 570 SBB Program graduates. A summary of the results of the survey was published in the February, 1986 edition of *News Briefs*.

In 1985, 24 entries were received for the AABB Scholarship Award sponsored by Fenwal Laboratories. The five winning papers were published by Fenwal Laboratories and were available at the 1985 Annual Meeting.

The American Society of Clinical Pathologists Commission of Continuing Education joined with the AABB Committee on Education to produce two professional self-assessment examinations in the field of blood banking. Each examination will require approximately one hour to complete and will be geared toward physicians and advanced blood bank personnel. The exams will address basic blood banking and adverse transfusion reactions. These examinations should be available in 1986.

The Committee on Education is in the process of completing a revision of the *Competency Evaluation Manual*. The Manual was developed by the Committee in 1979. The revised edition will be available in 1986.

Committee on Inspection and Accreditation

Robert E. Klein, MD
Chairman

Randi V. Rosvoll, MD, National Vice-Chairman; Richard E. Bettigole, MD; Leonard I. Boral, MD; Leslie Ray Bryant, Jr., MD; Joseph H. Cooper, MD; Marilyn F. M. Johnston, MD; Francis S. Jones, MD; George M. Katibah, MD; Thomas S. Kickler, MD; Jerry Kolins, MD; Ramon N. Kranwinkel, MD; James E. T. Laningham, MD; Miles J. McCue, MD; Donald C. McKee, MD; Jacqueline D. Miller, MD; Joseph S. Pennepacker, MD; Margie B. Peschel, MD; Theodore Robertson, MD; Irene E. Roedel, MD; Robert B. Schultz, MD; Mabel M. Stevenson, MD; Edward Tueller, MD; Margaret Waid, MD; Frank Watson, MD.

Liaisons: Kenneth J. Fawcett, MD, Committee on Organ Transplantation and Tissue Typing; Paul J. Schmidt, MD, Committee on Standards; Frances K. Widmann, MD, Committee on Technical Manual; P. Ann Hoppe, MT(ASCP)SBB, Bureau of Biologics (FDA); Hans J. Peters, MD, CAP; Louis C. LaMotte, Jr., ScD and Maureen Mahoney, Centers for Disease Control; Anthony J. Polk, LTC, Department of Defense; Royal Crystal, Health Care Financing Administration.

Consultant: Margaret E. Wallace, MHS, MT(ASCP)SBB.

Purpose: To implement the Association's Inspection and Accreditation Program throughout the world.



Margaret Hanson, MT(ASCP)
SBB
Chairman

The National Committee on Inspection and Accreditation currently has 25 members, seven liaisons and one consultant. The 25 members are I&A Area Chairmen, each of whom is responsible for a portion of 648 inspectors. The I&A program continues to grow. Approximately 2,677 blood banks and transfusion services in the 50 states and overseas participate each year.

Six I&A workshops were conducted in 1985 in Atlanta, Chicago, Dallas, San Francisco, Washington, DC, and New York. Approximately 470 individuals participated in the one-and-a-half-day workshops. The primary focus of each was a review of the draft of the *Accreditation Requirements Manual (ARM)*.

The ARM has been developed by the National Committee on I&A. The ARM is a valuable tool to all individuals interested in the I&A Program. It follows the format of the *Inspection Report Form (IRF)*, with corresponding numerals and letters. Each question or information blank (referred to as item) in the IRF is quoted verbatim. These items are then followed by the same references listed in the IRF with quotes from the *Standards*. After the reference, there are explanations of requirements, recommendations and suggestions for operating procedures.

The revised IRF was implemented in January, 1986. The IRF was revised based on the *Standards for Blood Banks and Transfusion Services, 11th Edition*. The Committee on I&A and the Committee on Organ Transplantation and Tissue Typing also developed a new Inspection Report for Histocompatibility Testing. This was also available in 1985 and approximately 25 inspections have been performed for histocompatibility testing. The IRF will be revised and published concurrently with the *Standards* later this year (1986).

In 1986, the revised *AABB Inspection and Accreditation Policies and Procedure Manual* ("Blue Book") will be available. The "Blue Book" describes the I&A process and contains copies of form letters and I&A forms. It is valuable to inspectors, I&A chairmen, National Office staff and others interested in the I&A Program.

The AABB began development of an application to the Health Care Finance Administration (HCFA) in 1985, for accreditation equivalency of the AABB Inspection and Accreditation Program. This application will be submitted in 1986.

Committee on Self Testing and Review

Margaret Hanson, MT(ASCP)SBB
Chairman

Paul W. Holley, MD; Carol J. Schmoll, MT (ASCP)SBB; Leslie E. Silberstein, MD; Cheryl L. Sonnenberg, MT(ASCP)SBB.

Purpose: To implement proficiency survey programs for blood banking professionals.

The Self Testing and Review (STAR) program was introduced through announcements in various association publications including *News Briefs*, *Blood Bank Week* and *Transfusion*. STAR, available through the association on a subscription basis, is a self-assessment educational program for blood bankers. The program addresses problems in all aspects of blood banking.

After extensive study and evaluation of various testing methods, the Committee chose written simulation as the format for the program. This method has been used widely to evaluate performance in other areas of medicine but is relatively new in the blood banking field. Each STAR publication includes an introductory section which describes a situation and gives background information pertinent to the case. Subsequent sections provide options for managing and resolving the problem presented. Additional information concerning the case is obtained by developing the feedback printed in latent (invisible) image following each option chosen. A summary of the topic and the optimal pathway through each problem are provided so that individuals can assess their knowledge of that particular area. The written simulation format is unique in that it evaluates an individual's ability to assess a situation rather than measuring an ability to recall information.

During 1985 the Committee met through conference calls and held a meeting in conjunction with the AABB annual meeting in Miami Beach, FL. Several problems to be covered in the program were approved by the Board of Directors. They included transfusion associated hepatitis, inventory management, component therapy and serologic problems. The initial problems have been printed and are available from the National Office.

The committee continues to develop and review problems for future publication. During the coming year the committee will discuss ways to expand and improve the program so that it will meet the needs of AABB members. By fall 1986, the Committee plans to have guidelines for



Paul J. Schmidt, MD
Chairman

submission of problems to be considered for use in the program. The committee encourages AABB members to make suggestions or other general comments which will make the program more useful to blood bankers.

Committee on Standards

Paul J. Schmidt, MD
Chairman

John Case, FIMLS; George Garratty, PhD, FIMLS, MRCPPath; Dennis Goldfinger, MD; Paul V. Holland, MD; Harold S. Kaplan, MD; Klaus Mayer, MD; J. Jeffrey McCullough, MD; John D. Milam, MD; Jacob Nusbacher, MD; William C. Sherwood, MD; Susan M. Steane, MS, MT (ASCP)SBB; Richard H. Walker, MD; Margaret E. Wallace, MHS, MT(ASCP)SBB; Charles H. Wallas, MD.

Liaisons: Robert E. Klein, MD, Committee on Inspection and Accreditation; Kenneth J. Fawcett, MD, Committee on Organ Transplantation and Tissue Typing; Frances K. Widmann, MD, Committee on Technical Manual S. Gerald Sandler, MD, American Red Cross; P. Ann Hoppe, MT(ASCP)SBB, Bureau of Biologics (FDA); Hans J. Peters, MD, CAP; Anthony J. Polk, LTC, Department of Defense.

Purpose: To develop and biannually publish minimal standards for relevant aspects of blood bank practices.

With the publication of the Silver Anniversary Edition of the *Standards for Blood Banks and Transfusion Services* at the end of the last association year, 1985 became a time for interpretation and assistance to members. No typographical or wording errors surfaced in the new edition which made intended meanings ambiguous. The major change introduced was the option for performance of the antiglobulin crossmatch. Great cooperation was provided by the Office of Biologics Research and Review of the Food and Drug Administration which introduced the same option simultaneously. A number of contacts were made to remind members that the *Standards* represent minimum performance guidelines which may be exceeded in practice.

In a number of public appearances, members of the Committee urged general use of conventions current in the *Standards*. Among them is the use of the term "transfusion service" to indicate an organization that tests the blood of the intended recipient and is concerned with the transfusion of donor blood and its components. The *Standards* reserve the term of "blood bank" to refer to an organization that collects, stores and processes human blood. Another convention is the regular expansion of the term "compatibility test" to include not only the crossmatch, but also the typing, verification and screening done in pretransfusion testing.

For the first time in 1985, *Standards* exists in the AABB structure for histocompatibility testing. The introduction of that specialty in many AABB member organizations indicated the need for standards in the area. Certainly the need for transplantation expertise will expand in the future.

The Committee began work in 1985 on the twelfth edition so that the field of application could remain current. A number of significant changes were debated for member comment including the need for D^u verification and the extent of testing on multiple samples.

The cooperation of fellow committees and the input from individual members continued to keep the AABB *standards* current with good transfusion practice.





Frances K. Widman, MD
Chairman



Arthur J. Silvergleid, MD
Chairman

Committee on Technical Manual

Frances K. Widmann, MD
Chairman

Asa Barnes, MD; Leonard I. Boral, MD; John Case, FIMLS; Michelle D. Inkster, FAIMLS; W. John Judd, FIMLS, MIBiol; Arthur J. Silvergleid, MD; Edward L. Snyder, MD; Susan M. Steane, MS, MT(ASCP)SBB; Joberta Wells, MT(ASCP)SBB.

Liaison: P. Ann Hoppe, MT(ASCP)SBB, Bureau of Biologics (FDA).

Purpose: To prepare a Technical Manual that will provide practical guidance concerning methods and techniques that implement the Standards.

The ninth edition of the *Technical Manual of the American Association of Blood Banks* was published in June, 1985. In the six months after its publication, 19,700 copies were sold, attesting to the need for and appreciation of this continuing project of the Association.

The major Committee activity since publication was a two-hour presentation at the Annual Meeting entitled Technical Manual User's Forum. This was an unstructured question-and-answer period with committee members serving as a panel responding to questions from the audience. Approximately 200 people attended and were enthusiastic about this forum for exchanging technical information.

The Committee chairman received approximately 100 written queries during 1985, covering a wide range of subjects. Every letter was answered individually, and a selection from this correspondence has been published as Questions and Answers in *News Briefs*.

Committee on Technical/Scientific Workshops

Arthur J. Silvergleid, MD
Chairman

Sandra S. Ellisor, MS, MT(ASCP)SBB; Frances L. Gibbs, MT(ASCP)SBB; Trudell S. Green, MT(ASCP)SBB; W. John Judd, FIMLS, MIBiol; Louise J. Keating, MD; Jerry Kolins, MD; Leo J. McCarthy, MD; Jay E. Menitove, MD; JoAnn M. Moulds, MT(ASCP)SBB; Mary A. Myers, MT(ASCP)SBB; Steven R. Pierce, SBB(ASCP); Alice

Reynolds, SBB(ASCP); Dennis M. Smith, Jr., MD; Del Steckler, RN; Stephanie Summers, MEd, MT(ASCP)SBB; W. Michael Tregellas, MT(ASCP)SBB; Douglas A. Triplett, MD; Virginia Vengelen-Tyler, MT(ASCP)SBB; Margaret E. Wallace, MHS, MT(ASCP)SBB.

Liaison: Charles H. Wallas, MD, Committee on Education.

Purpose: To provide overall planning and coordination of the Association's technical workshops.

The Committee on Technical/Scientific Workshops had a productive year in 1985, presenting 11 new workshops, and seven 1984 holdovers at the 1985 Annual Meeting (attracting a total of 2,613 attendees). Seven additional workshops were developed for the 1986 Annual Meeting, and, in response to requests from the membership, the Committee has increased the number of half-day workshops. The trend towards more workshops in this format will continue if interest remains high.

The Regional Workshop Program, in the capable hands of Jean Otter, MT(ASCP)SBB, presented 12 workshops throughout the United States in 1985. Included in this number were two large-audience targeted workshops (in Baltimore and Los Angeles) designed to generate sufficient excess revenue to enable the Committee to provide similarly targeted workshops in more sparsely populated areas, areas which normally would be incapable of supporting the Regional Program. The success of these programs warrants the investment of additional energy in 1986.

The Board of Directors established a new Committee on Regional Alternatives based on reports of two of our Ad Hoc Committees. One Committee assessed the relationship of the regional and annual meeting programs and the other examined alternative teaching strategies. This new Committee assumes responsibility for all regional programs starting in 1987.

The Committee's last endeavor was a videotape symposium entitled "Current Status of HTLV-III Testing." The videotape was made available to the membership through funds provided by the DuPont Corporation.

The tremendous responsibilities of our Committee are borne with energy and enthusiasm by a most dedicated group of individuals to whom I, and all members of the Association, owe a debt of gratitude.

Organizational Council



George Garratty, PhD,
FIMLS, MRCPath
Chairman

Committee on Annual Meeting Seminar

George Garratty, PhD, FIMLS, MRCPath
Chairman

Betty F. Hatcher, MT(ASCP)SBB; Barbara McKeever, MS, MT(ASCP)SBB; Breannan Moore, MD; Paul Ness, MD; Marjory Stroup, MT(ASCP)SBB; M. Jane Wilson, MT(ASCP)SBB.

Liaison: Gail A. Rock, MD, PhD, Committee on Scientific Programs.

Purpose: To plan and organize the Annual Meeting Seminar.

The committee met once at the Annual Meeting to organize the Annual Seminar and select the Emily Cooley awardee for the following year. The rest of the business was carried out by mail and telephone.

The 1985 seminar was titled "Current Concepts in Transfusion Therapy." The Emily Cooley lecturer was Jeffrey McCullough, MD, who spoke on the clinical significance of granulocyte antibodies and in vivo studies of the fate of granulocytes.

The seminar opened with Sherrill Slichter, MD, discussing optimal methods for platelet concentrate preparation and storage, and Jeanne Lusher, MD, reviewing replacement therapy for congenital and acquired disorders of blood coagulation. John Kelton, MD, from Canada, discussed the interaction of IgG with reticulo-endothelial cells and its therapeutic implications (e.g., the use of high dose gamma globulin). Harold Oberman, MD, then reviewed the uses and abuses of FFP. Mary Clay, MT (ASCP) described methods used for detection of granulocyte antibodies. Roger Herzig, MD, discussed the current status of granulocyte transfusions, and the final speaker, Paul Holland, MD, spoke on transfusion-associated graft-versus-host disease. The participants wrote reviews on their subject matter which have been published in one of the largest seminar books yet (323 pages) entitled *Current Concepts in Transfusion Therapy*.

Committee on Awards

The composition of this committee is confidential.

Purpose: To make recommendations to the AABB Board regarding certain awards.

The Committee on Awards meets each year to consider candidates for the AABB Memorial Awards, Outstanding Donor Recruiter Award, and Outstanding Administrator Award. Nominations are accepted from prior recipients, members of the Association, and consultants. The Committee evaluates all nominees and makes recommendations to the Board of Directors, which makes the final decision. The Committee is also responsible for assigning the appropriate persons to write the citations for the various award winners.

The Memorial Awards recognize achievements in the blood banking field. The Karl Landsteiner Memorial Award is presented for internationally known contributions to immunohematology. The John Elliott Memorial Award is given for outstanding service to the field of blood banking or transfusion therapy, or outstanding service to the AABB. The Ivor Dunsford Memorial Award is for contributions to research or development of techniques in immunohematology or exception service to blood banking. The Morten Grove-Rasmussen Memorial Award recognizes outstanding contributions to blood banking, including research, education and development of techniques.

The Outstanding Donor Recruiter is awarded to an individual for significant achievement and consistent contributions to the profession of donor recruitment. The Outstanding Administrator Award is presented to an individual who has made significant contributions to enhance the effective administration of blood banks or centers.

Award recipients for 1985 are as follows:

- **Karl Landsteiner Memorial Award:** Saul Krugman, MD, professor of pediatrics, New York University School of Medicine, New York, NY;
- **John Elliott Memorial Award:** Thomas F. Zuck, MD, Col. MC, USA, director, Division of Blood and Blood Products, Office of Biologics Research and Review, Food and Drug Administration, Washington, DC.
- **Morten Grove-Rasmussen Memorial Award:** Hugh Chaplin, Jr., MD, professor of medicine and pathology, Washington University School of Medicine, St. Louis, MO.
- **Ivor Dunsford Memorial Award:** M. Jane Wilson, MT(ASCP)SBB, manager, Southern Area, Health Improvement Systems, Inc., Cincinnati, OH.



Thomas F. Zuck, MD, Col., MC,
USA
Chairman



Betty Lou Marnette,
MT(ASCP)SBB
Chairman



William E. Bristow, MT(ASCP)
Chairman



Saul Krugman, MD, Winner of 1985 Karl Landsteiner Memorial Award.

- *The Outstanding Administrator Award:* R. James Glikes, Col. (Ret.), director, Civilian Regional Blood Center, Gainesville, FL.
- *The Outstanding Donor Recruiter Award:* Earl L. Walz, administrator, Hoxworth Blood Center, Cincinnati, OH.

Committee on Bylaws

Thomas F. Zuck, MD, Col., MC, USA
Chairman

Michael C. Couch; Glenn S. Hooper, MD;
Betty Lou Marnette, MT(ASCP)SBB; Edwin
F. Smith.

Purpose: To examine proposed Bylaws changes to assure that they conform to the current needs and direction of the Association.

The Committee on Bylaws met by mail and conference call to propose additions to the AABB Bylaws. The Committee reviewed changes proposed by legal counsel. The Committee felt the changes appropriately expressed the concerns of the Board of Directors, and that they would cause no adverse effects.

The changes, approved by the membership at its October meeting, involved rewording and reorganizing the portion of the Bylaws concerning committees.

Committee on Ethics

Betty Lou Marnette, MT(ASCP)SBB
Chairman

Dale R. Malloy, MT(ASCP)SBB; John A. Shively, MD; Jack Smythe.

Purpose: To offer peer review concerning issues related to the ethics of blood banking practice.

The purpose outlined for the Committee on

Ethics is to offer peer review concerning issues related to the ethics of blood banking practice.

The Committee's responsibility is to recommend appropriate action concerning alleged breaches of the Code of Ethics, either by institutional or individual AABB members.

The committee is pleased to report that the Board of Directors did not direct any alleged breaches of the Code of Ethics to the Committee in 1985.

Committee on Exhibits

William E. Bristow, MT(ASCP)
Chairman

Kathleen O. Chadwick, MT(ASCP)SBB;
Eugene S. Forrester; Lawrence L. Moore;
John E. Mullowney.

Purpose: To provide, through exhibits at the Annual Meeting, information on tests, materials, and devices designed to serve the needs of donors and patients; to offer a forum in which commercial organizations can present available items; to provide a forum for educational exhibits; and to ensure that exhibitors conform to the policies of the Health Care Exhibitors Association.

The Committee on Exhibits successfully completed all of its charges for the 1984-85 association year. These charges were: to assist the National Office in recruiting exhibitors; to act as liaison between the National Office staff and the exhibitors; to assist the National Office staff in assigning exhibit space; to interact with exhibitors during the Annual Meeting; and to hold a forum for exhibitors to have input to AABB.

The committee developed and implemented an award program for exhibits in the educational category. The 1985 AABB Educational Exhibits Award went to the



Robert E. Albee, II
Chairman



Erlo Roth, MD
Chairman

CDC, Atlanta. The committee hopes this award program will improve and increase the number of educational exhibits at the Annual Meeting.

This year the Committee held a Sunday evening Exhibit Preview that was very well received by the membership and the exhibitors. This preview allowed the attendants to visit the exhibits when no other official AABB function was planned. The committee plans to repeat this next year with extended hours.

The 1985 Exhibit consisted of 248 booths with 110 companies represented. In addition, there were seven educational exhibits utilizing nine booth spaces.

Committee on Finance

Robert E. Albee, II
Chairman

Carol A. Bell, MD; Donald D. Doddridge; Bobby A. Grigsby, CPA; Glenn S. Hooper, MD; Laurence A. Sherman, MD, Ex-officio Member.

Consultant: James E. Way.

Purpose: To advise the Board concerning AABB fiscal policies and status.

The Committee met on August 24, 1985, at the National Office, and conducted business by mail and telephone during 1985.

In addition to routinely monitoring the Association's financial performance in relation to its financial plan, the Committee reviewed the 1984 Audit Report and Management Letter, tightened internal controls through adoption of a stringent check signing policy, revised the Association's investment policy, developed the 1986 budget and revised the long range financial plan. The Committee also recommended that a management/organizational audit be performed, that the Association's outside audit firm be replaced, and that the Association's fiscal year be changed from a calendar year to October 1 through September 30.

Committee on International Relations

Erlo Roth, MD
Chairman

Bernice M. Hemphill; Douglas W. Huestis, MD; Benjamin Lichtiger, MD; Takashi Okuno, MD; Maria T. Torres, MT(ASCP)SBB.

Consultant: Michael H. K. Irwin, MD.

Purpose: To foster the AABB's relationships with foreign blood banking associations and to encourage friendships between individual American and foreign members.

During the past year, information about the Annual Meeting of the AABB was sent to more than 800 immunohematologists outside the United States. The attendance by international guests at the Annual Meeting was 291 in 1984 and 566 in 1985.

The International Exchange Forum included a series of six papers presented by immunohematologists from different countries. Nearly 200 people attended.

One member of the Committee, Michael Irwin, MD, compiled an extensive review of blood banking activities in different countries as a document which is now on file for future reference at the AABB office in Arlington, VA.

The blood bank twinning program continues to grow with more than 40 participating institutions. The Pan American Health Organization and other organizations have recognized the endeavors of the Committee.



Col. Gary B. Clark
Chairman



Gail A. Rock, MD, PhD

Committee on Membership

Col. Gary B. Clark
Chairman

Mary Ann Busch, RN; Nickol P. Gillum MT(ASCP)SBB; Mary A. Myers, MT(ASCP)SBB; Hayle B. Randolph, MT(ASCP); Judi A. Sherwin, MT(ASCP)SBB; Margaret E. Wallace, MHS, MT(ASCP)SBB.

Purpose: To advise the Board regarding membership recruitments and applications.

The Committee on Membership and central staff continued follow up of the major marketing plan developed in 1984. The plan primarily has been geared toward obtaining new members from selected target groups. At the 1985 annual meeting, the Committee reviewed the marketing plan and found that there has been some subsequent improvement of recruitment from such target groups as pathologists, large non-member hospitals and selected nurses groups.

The Committee reviewed all applications for Institutional and Associate Institutional membership during the year. Applications for individual membership were not reviewed by the Committee unless there were exceptional circumstances.

The revised Individual Membership application form was implemented in 1985. The Committee is reviewing a demographic profile of the Association membership which was developed by the National Office in order to identify more specific characteristics of members as a continuation of the marketing effort.

Since the 1984 Annual Report of the AABB, the Committee on Membership has reviewed the following number of applications:

Applications acted upon and approved:

Individual	923
Institutional	46
Associate Institutional	16
International Associate Institutional	3

Applications received by the National Office within the 1985-1986 year, a portion of which may be in process:

Individual	925
Institutional	59
Associate Institutional	16
International Associate Institutional	3

Applications rejected:

Individual	2
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Committee on Scientific Program

Gail A. Rock, MD, PhD

Emanuel Hackel, PhD; Parviz Lalezari, MD; Jay E. Meritove, MD; Ronald G. Strauss, MD; Joel Umlas, MD.

Liaisons: George Garratty, PhD, FIMLS, MRCPath, Committee on Annual Meeting Seminar; Herbert F. Polesky, MD, Committee on Selection of Abstracts.

Purpose: To plan meaningful scientific communications and lectures for the Annual Meeting.

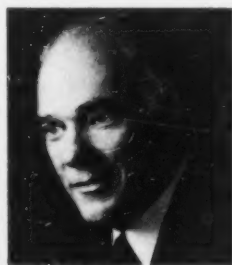
The Scientific Program Committee was divided into two sections for the preparation of the 1985 Annual Meeting in Miami Beach. The Committee was responsible for organizing the Scientific Symposium, lecturership and the Research and Progress (RAP) Sessions.

A total of seven RAP Sessions were held this year, with most having excellent attendance—sometimes exceeding the capacity of the rooms. Spirited discussions on topics ranging from home transfusion therapy to the appropriate length of storage for red cells generated much interest. Experience proved, again, the wide interest in these forums which permit discussion of matters of topical interest and ongoing research. A variety of topics have been suggested for 1986.

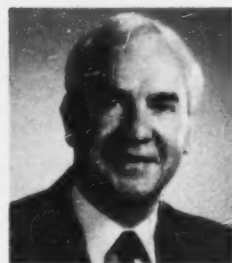
The Annual Scientific Lecture was given by Bernadette Modell, MBSS, PhD, MRCPath, of the University College, London, whose lecture on pre-natal detection of thalassemia through chorionic villus sampling was met by great enthusiasm. Dr. Modell presented both an overview of the international activities in pre-natal diagnosis and the results of her own work.

The Scientific Symposium dealt with plasma proteins and immuno-regulatory factors beginning with production by standard methods of fractionation and moving in to the exciting advances in recombinant DNA technology. The audience had particular interest in the work on the cloning of Factor VIII which was presented by Jay Toole, MD, of the Genetics Institute, Boston. This group's work and that of Genentech, were reviewed and possible use for this 'new' Factor VIII was described.

The Committee welcomes suggestions and comments for program development of the 1986 meeting in San Francisco.



Herbert F. Polesky, MD
Chairman



John D. Milam, MD
Chairman

Committee on Selection of Abstracts

Herbert F. Polesky, MD, *Chairman*

Armand B. Glassman, MD; Thomas A. Lane, MD; Lawrence D. Petz, MD; Fred V. Plapp, MD, PhD; Mary Ann Tourault, MT(ASCP)SBB.

Liaisons: Gail A. Rock, MD, PhD, Committee on Scientific Program.

Purpose: To conduct the process of evaluation and selection of technical/scientific abstracts for presentation at the Annual Meeting.

The Committee on Selection of Scientific Abstracts initiated a new procedure for the review and selection of scientific papers and posters. The new process, which includes anonymous peer review by experts who are not members of the Committee, resulted in selection of 151 abstracts for presentation at the 38th Annual Meeting in Miami Beach. There were 96 oral presentations given at simultaneous sessions and 55 posters displayed for the first time in the exhibit hall. These presentations included 61 papers on red cell antigens and serologic methods, 56 papers on blood component preparation, storage, and transfusion, and 22 papers on various complications of transfusion therapy.

As part of the development of the review process, Betty Sebring, MT(ASCP) developed a spread sheet program for tabulating and scoring the multiple reviews of each submitted abstract. In addition to expediting the selection process, this made it possible to provide each reviewer a comparison of their scoring with the others who reviewed the same abstract. Special thanks are in order for the 30 volunteers who aided the Committee in reviewing over 340 abstracts.

Ad Hoc Annual Meeting Advisory Committee

John D. Milam, MD
Chairman

Julie A. Beck, MT(ASCP)SBB; William E. Bristow, MT(ASCP); George Garratty, PhD, FIMLS, MRCPPath; Herbert F. Polesky, MD; Gail A. Rock, MD, PhD; Arthur J. Silvergleid, MD.

Purpose: To serve as an advisory forum to the Director of Meeting Services on the coordination of various programs presented at the Annual Meeting.

The AABB's Annual Meeting represents the grand finale of each Association year and the beginning of a new year. The ad hoc committee's principle charges are to consider the needs and coordinate the efforts of the many persons involved in planning the Annual Meeting. Most of the plans for the Annual Meeting are formulated by the AABB's Office of Meeting Services. The committee is composed of AABB members who hold key positions with respect to the programs, functions, and affairs of the Annual Meeting. Each year, the planners endeavor to surpass the record-setting marks of excellence established at previous Annual Meetings. Thanks to the concerted efforts of AABB members, National Office staff, exhibitors, convention planners, and supporters, we can always look forward to an outstanding meeting that will promote excellence in science, administration, nursing, medicine, blood banking, and ultimately patient care. Members of the National Office staff deserve a great deal of credit for the success of each Annual Meeting.



Scientific Council



Robert L. Thurer, MD, Chairman



Edward L. Snyder, MD, Chairman

Committee on Autologous Transfusion

Robert L. Thurer, MD, Chairman

Steven H. Kleinman, MD; Gordon E. Lang, MD; Roland E. Lonser, MD; Malcolm D. Orr, MD, PhD; Henry M. Steady, MD; Linda C. Stehling, MD; David H. Yawn, MD.

Purpose: To provide expertise concerning preoperative and intraoperative autologous transfusion practices. To recommend appropriate performance standards, and to provide education concerning their uses.

Increased awareness of the hazards of blood transfusion made the past year an especially active one for the Committee on Autologous Transfusion. Both the professional and lay communities became more interested in seeking alternatives to banked blood transfusion. While emphasizing the safety and effectiveness of the nation's blood supply, the Committee actively promoted both pre-deposit autologous transfusion and the intraoperative and postoperative salvage of shed blood.

The Committee's educational exhibit was displayed at the AABB Annual Meeting and the Scientific Sessions of the American Heart Association as well as at several regional meetings. An annotated bibliography was prepared to assist professionals and brief informational packets dealing with the various methods of autologous transfusion were written by Committee members. They are now available through the Association. Several hundred inquiries were answered and committee members gave many press interviews.

The Committee continues to monitor autologous transfusion practice and discuss appropriate standards. We hope to broaden these activities to include blood conservation methods such as hemodilution and appropriate component therapy as well as the use of autologous transfusions.

Committee on Component Therapy

Edward L. Snyder, MD, Chairman

Neil Blumberg, MD; E. Shannon Cooper, MD; Melanie S. Kennedy, MD; Jay E. Menitove, MD; Patricia T. Pisciotto, MD; Toby L. Simon, MD; Linda C. Stehling, MD.

Purpose: To promote the appropriate transfusion of blood components and to provide education concerning their preparation, use, and effectiveness.

During 1985 the Committee on Component Therapy completed the Transfusion Medicine Self-Assessment Program. The final parts introduced at the 1985 Annual Meeting were: 1) the Audio-Visual Program with 71 color slides and a script available on cassette tape and a printed script, and 2) the Patient Management Problems, 10 clinical transfusion management problems featuring latent image answer development. The Patient Management Program consists of a problem book and, an answer-critique book. With completion of this final part of the program, the Component Therapy Committee completed all five parts of the Transfusion Medicine Self-Assessment Program: 1) the Data Card, 2) the Physician's Handbook, 3) the 216-question Self-Assessment Exam, 4) the AV Program, 5) the Patient Management Problems. In 1986 the Committee will market the Self-Assessment Programs to physician groups outside of the AABB.

Far from considering our work complete, the Committee is now revising parts of the program, especially the *Physician's Handbook*, to keep pace with the ever-changing field of transfusion medicine. Changes for the coming year address educational tools for nurses and some areas of transfusion therapy which are currently being developed such as home transfusion. The Committee has been providing input into a new workshop on home transfusion to be held in 1986 and 1987. The Committee has also continued its interaction with the National Institutes of Health Transfusion Medicine Academic Award Recipients. In the coming years we will be providing transfusion medicine education through the use of video disks and computer-assisted instruction. State of the art graphics will assist in the teaching of transfusion medicine to technologists, students, nurses and practicing physicians.



Edwin G. Taft, MD, Chairman



Paul D. Mintz, MD, Chairman

Committee on Hemapheresis

Edwin G. Taft, MD, Chairman

Estre Culotta, MHS, MT(ASCP)SBB;
Nancy J. Gianino, RN, BSN; Jerome L.
Gottschall, MD; Douglas W. Huestis, MD;
Harvey G. Klein, MD; J. Jeffrey
McCullough, MD; Ronald G. Strauss, MD;
Susan K. Wright, RN.

Purpose: To serve as a source of expertise for AABB programs that relate to cyta-
pheresis, plasmapheresis, and therapeutic
apheresis.

In 1985 the third supplemental survey on
apheresis for the first time included informa-
tion on donor as well as therapeutic
apheresis. In the final report, 348 centers
(312 of which reported therapeutic aphere-
sis activity), listed a total of 68,552 donor
procedures and 27,681 therapeutic aphere-
sis procedures. Donor plateletpheresis pro-
cedures outnumbered leukapheresis by
8:1. The conditions most frequently treated
by apheresis included myasthenia gravis,
the thrombotic microangiopathies (T.T.P.
and H.U.S.), the Guillain-Barre syndrome,
paraproteinemias (Waldenstrom's macro-
globulinemia and myeloma), and systemic
lupus erythematosus (S.L.E.). The results of
this survey were published in summary
form in *News Briefs*, and are available in
complete form from the National Office.

Data collected from the supplemental
survey also included reports of complica-
tions, as well as instrument and plasticware
failures. The committee is developing a list
of the potential complications of apheresis
procedures, and a series of recommenda-
tions of how to prevent them, or compen-
sate for equipment failures during donor
and/or therapeutic procedures.

The Hemapheresis Committee includes
active members of other organizations
involved in apheresis, including the
American Red Cross, the American Society
for Apheresis, and the Society of Hemo-
pheresis Specialists. The committee recom-
mended that the AABB be represented in
future planning for certification of specialists
in apheresis.

Individual members participated in a
number of workshops, symposia, and
annual meetings of the AABB and other
apheresis organizations. The committee
continued to review and make recommen-
dations to the Standards Committee con-
cerning apheresis procedures. These in-
volved resolving potential conflicts between
the Standards and the recent federal Guide-
lines.

The Hemapheresis Committee will be
continuing the supplemental survey activi-
ties, and expects to address issues of intra-
institutional review of apheresis in the next
year.

Committee on Hospital Transfusion Practices

Paul D. Mintz, MD, Chairman

James J. Bergin, MD; Marilyn F. M. John-
ston, MD; Harvey G. Klein, MD; Margot S.
Kruskall, MD; Shirley B. Mercado, RN;
Jacqueline D. Miller, MD; Peter A.
Tomasulo, MD.

Purpose: To develop guidelines on trans-
fusion practice for hospital transfusion
services.

The first major event in the Committee's
year was the publication of the manuscript
"The Hospital Transfusion Committee:
Guidelines for Improving Practice" in the
*Journal of the American Medical Associa-
tion* (253:540-543, 1985) This paper was
developed under the auspices of former
Committee Chairman Alfred J. Grindon,
MD, who is its first author. The report was
designed to help hospital transfusion com-
mittees implement audits. Emphasis is
placed on the need to review transfusion
practices, the adequacy of the blood
supply and the quality of service provided
by the regional blood center. Examples of
audit standards are presented.

The members of the Committee wrote a
transfusion therapy manual which will be
published this year. The manual will guide
nursing services, intravenous therapy
teams, phlebotomists and other health pro-
fessionals in establishing transfusion prac-
tices. It is designed to be used for in-service
education as well as orientation programs.

Committee members wrote the initial draft
of an article on transfusion therapy in the
emergency room. This report will review
published literature, draw conclusions and
make recommendations for transfusion
practices in this area.

The Committee established communica-
tions with the Joint Commission on Accred-
itation of Hospitals to gather information on
activities of hospital transfusion committees
and the implementation of audits of trans-
fusion practices. The Committee's purpose
is to assess the value of current efforts in
this area, review compliance with JCAH
standards and work with JCAH as it moni-
tors transfusion practices.



Kenneth J. Fawcett, MD,
Chairman

The Committee is working with the Medic Alert Foundation International to incorporate an appropriate transfusion medicine history being developed by this organization.

To develop appropriate audit criteria, the Committee has gathered information on current out-patient and home transfusion practices. The Committee members made recommendations to the Committee on Standards, promoted programs on transfusion therapy for meetings of associations of physicians in other specialties and served as respondent to questions on transfusion practices and the auditing of these practices addressed to the Association. The Committee is advising the Board of Directors on the issue of informed consent for blood transfusions. Comments and suggestions are welcome.

Committee on Organ Transplantation and Tissue Typing

Kenneth J. Fawcett, MD, *Chairman*

Karla J. Lauenstein, MS, MT(ASCP)SBB; Herbert A. Perkins, MD; Nancy Jo Peterson, MT(ASCP)SBB; Shirley Jo Qualia, MT(ASCP)SBB; Ann Rearden, MD; Irena J. Sniecinski, MD; Gary Troup, MD.

Liaisons: Kenneth W. Sell, MD, PhD, AATB; Chester M. Zmijewski, PhD, ASHI; Richard H. Walker, MD, CAP.

Consultants: Martin Davey, MD; Emanuel Hackel, PhD.

Purpose: To serve as a source of expertise concerning organ transplantation and tissue typing.

Since the last Annual Report, the Committee on Organ Transplantation and Tissue Typing has collated the replies to the AABB 1985 Institutional Membership Questionnaire Supplement for Committee on Organ Transplantation and Tissue Typing. Approximately 900 replies were received. Blood bank staffs do the HLA work in about one third of the institutions that perform histocompatibility testing. Information from the questionnaire was submitted for publication and has been shared with the AABB Board.

The information was used to identify institutions who might seek from their lists of HLA typed individuals, matches for patients whose names are listed on the monthly AABB publication, *Bone Marrow Transplant Information Service*. Letters were sent to these institutions, inviting their participation in finding HLA compatible bone marrow donors for the patients on the AABB listing.

Close cooperation and liaison with the National Committee on Inspection and

Accreditation lead to several revisions of the *Inspection Report Form* for histocompatibility testing used to inspect HLA activities by the AABB I&A program. The Committee membership has volunteered to give a basic course in HLA work that will allow I&A inspectors to do inspections of HLA laboratories. The Committee has also volunteered to serve as references in finding competent HLA inspectors, if requested by the I&A Committee. This portion of the AABB I&A *Accreditation Requirements Manual (ARM)* on histocompatibility testing was written by the Committee on Organ Transplantation and Tissue Typing.

The Committee on Organ Transplantation and Tissue Typing and the Committee on Standards recommended changes in Section N, Histocompatibility Testing, of *Standards*. These changes were necessary because medical practice and knowledge of histocompatibility testing have changed significantly since the preparation of the 11th Edition of *Standards*. Liaison with the American Society for Histocompatibility and Immunogenetics has been maintained in an effort to have a similar standards of practice.

The workshop "HLA Techniques for Blood Bankers" was presented for the second time in 1985. Discussions about cojoint workshops are proceeding with the Committee on Technical/Scientific Workshops and other committees.

Cooperating with the Committee on Workshop Recording, various Committee members participated with National Office staff to develop information about HLA testing procedures. This information was incorporated in the most recent edition of the College of American Pathologists publication, *Workload Recording Manual*.

The Committee thus fulfilled its charges and did the other tasks it assumed with AABB Board approval during the year. It is hoped the continued efforts to increase the effectiveness of the AABB Bone Marrow Transplantation List will result in the successful transplantation of unrelated bone marrow tissues for patients using this service. As of this writing, we know of several instances of MLC testing of patients and donors brought together by this service but not yet of successful bone marrow transplants. Such may have occurred but the monitoring mechanisms of the AABB *Bone Marrow Transplant Information Service* Patient listing are not yet sufficiently well-developed to be certain of the effectiveness of this service. More effective mechanisms are being developed.

With the AABB's increasing interests in histocompatibility testing, bone marrow transplantation, and tissue banking, the Committee welcomes suggestions from any of the AABB membership.



Richard H. Walker, MD,
Chairman



Ronald A. Sacher, MD,
Chairman

Committee on Parentage Testing

Richard H. Walker, MD, *Chairman*

Fred H. Allen, Jr., MD; Margaret A. Brooks; Rene J. Duquesnoy, PhD; Dale D. Dykes; Henry Gershowitz, PhD; Angelyn A. Konugres, PhD; Roger W. Marsters, PhD; Jeffrey W. Morris, MD; Beverly A. Pohl, MT(ASCP)SBB; Herbert F. Polesky, MD; Emily G. Reisner, PhD; Herbert Silver, MD; Leon N. Sussman, MD; Myrna I. Traver, MD.

Liaisons: Leslie Ray Bryant, Jr., MD, ASCP; Marilyn S. Pollock, PhD, ASHI; Hans J. Peters, MD, CAP; Richard N. Palmer, Jr., MD, AMA; Michael Barber, ABA; Gaile Maller, Joel M. Solomon, MD; Robert Keith OCSE.

Consultant: Paul I. Teraski, MD.

Purpose: To provide a source of expertise in matters related to parentage testing.

Three activities were pursued by the Committee on Parentage Testing during 1985. The major work of the Committee was the continued review of applications from institutions for accreditation as parentage testing laboratories. The review process involved both Committee members and staff in checking personnel, procedures, accuracy, quality control, documentation, calculations, and confidentiality of reports of the applicant laboratories. Approximately 30 laboratories had been accredited for parentage testing by January 1, 1986.

The Standards for Laboratories Engaged in Parentage Testing, developed in 1984, were revised, enlarged, and renumbered. A new section was added on immunoglobulin allotyping and guidelines were developed for tests involving DNA polymorphisms.

The Parentage Specimen Programs (PSP) continued to provide liquid blood samples to participating laboratories for complete phenotyping. These specimens provided a means of external quality control and a source of continuing education. Subscriptions increased to a total of over 120 institutions. Paper problems accompanied the blood specimens providing additional educational material.

The Committee was assisted in its work by consultants and liaison members from allied organizations.

Committee on Pediatric Hemotherapy

Ronald A. Sacher, MD, *Chairman*

Harry B. Anstall, MD; Asa Barnes, MD; Suzanne H. Butch, MT(ASCP)SBB; Sherwin V. Kevy, MD; Naomi L. C. Luban, MD; Ann McMican, MT(ASCP)SBB; Kenneth A. Starling, MD.

Liaison: Alvin M. Mauer, MD, American Academy of Pediatrics.

Purpose: To foster a knowledge and understanding of blood transfusion therapy in neonates and children.

During 1985 the Pediatric Hemotherapy Committee was particularly productive, demonstrating a successful integration into the structure of the AABB and fruitful interaction with the National Heart, Lung and Blood Institute. The year was capped by a highly successful technical workshop and research and progress (RAP) session at the Annual Meeting.

The Committee presented pediatric transfusion interests to the Transfusion Transmitted Disease Committee concerning cytomegalovirus transmission by blood products to neonates. Interaction with the Committee on Standards regarding unique pediatric transfusion needs resulted in several modifications of the standards in the areas of cytomegalovirus transmission and elimination of unnecessary pretransfusion testing in neonates under four months. The issue of irradiation of blood products with respect to the standards in pediatrics is currently under discussion.

A directory of persons with special interest in pediatric hemotherapy was developed and is on file in the National Office. The roster will be utilized to disseminate information in areas of pediatric transfusion medicine.

A questionnaire was developed by the Committee and has been distributed to blood banks and transfusion services. The questionnaire, designed to ascertain the spectrum of transfusion practice in pediatrics and neonatology, will be critically reviewed and the results published. Members of the Committee were in large part responsible for coordinating a workshop in "Hematologic Problems of the Newborn" that was held at the National Institutes of Health in Bethesda, MD on April 11 and 12, 1985. The goal of the workshop was to review the status of basic and clinical research in the areas of transfusion medicine and thrombosis and hemostasis in the newborn. Following this work-



Joseph R. Bove, MD, Chairman

shop several initiatives were developed with the objective of issuing NIH-sponsored requests for applications in these specific areas of research. In particular two initiatives in pediatric transfusion medicine have been developed and are under NIH review. The two areas are red cell transfusion in the neonate and granulocyte transfusion in septic newborns.

A very successful RAP session on "Irradiation of Blood Products for Neonatal and Pediatric Use" was held in Miami during the Annual Meeting. In addition, a technical workshop on "Hemotherapy in Childhood and Adolescence" was presented for the first time at the Annual Meeting and was also well received. Both these sessions were coordinated by the Pediatric Hemotherapy Committee.

The development of an informational brochure on pediatric transfusion is planned and production of this "manual" has been addressed. The Pediatric Hemotherapy Committee is actively representing the unique needs of pediatric transfusion practice. The committee hopes to maintain the energetic pace of 1985.

Committee on Transfusion Transmitted Diseases

Joseph R. Bove, MD, Chairman

Alfred J. Grindon, MD; Paul V. Holland, MD; Harold A. Oberman, MD; James Shorey, MD.

Liaisons: S. Gerald Sandler, MD, ARC; Jay E. Menitove, MD, CCBC.

Consultants: George Grady, MD; Richard Wasserman, MD.

Purpose: To provide consultation, as needed, on all facets of transfusion-related diseases and related laboratory tests.

AIDS and HTLV-III antibody testing continued to dominate the Committee's agenda during 1985. The introduction of testing for anti-HTLV-III raised a significant number of problems, many of which remain unsettled. Despite this, testing has unquestionably improved the safety of the blood supply to the point where we believe that the risk of transfusion-associated AIDS is extremely low. Unfortunately, the perception of the public about the safety of the blood supply is still negative.

Implementation of anti-HTLV-III testing went smoothly, partly because of arrangements between the Association and the Food and Drug Administration. The American Red Cross, the Council of Community Blood Centers and the American Blood



Resources Association. The continued cooperation of the major groups in implementing HTLV-III antibody testing and donor notification was important in maintaining a unified national posture. We believe it important for the public to get one message about the blood supply and will continue to work with all groups so our actions integrate with those of others.

Major problems remain, however, and need to be addressed. These include directed donations, a constant and nagging problem. The Committee discussed directed donation at its meetings and reaffirmed the original position paper that had been endorsed by the three organizations. A somewhat less rigid policy proposed by the Committee was rejected by the Board. The Chairman and some members of the Committee continue to believe that directed donation is indicated in selected cases to ease patient or family anxiety. We strongly believe that directed donation programs will not enhance the safety of the blood supply and support the Association's position.

Implementation of HTLV-III testing has identified a large number of donors who are ELISA positive on an occasional test but Western blot negative. Often these donors have negative ELISA tests on subsequent donations. The Committee is working with other organizations to establish a national policy.

The Committee discussed the look-back period, in which recipients of previous donations from donors who now test anti-



Col. R. James Glikes (Ret),
Chairman

HTLV-III positive will be notified. Specific policy has not been established, but it is clear that some kind of look-back will be essential. The Committee will prepare recommendations—in consultation with ARC and CCBC—and these will be made available to the members.

Administrative Section Coordinating Committee

Col. R. James Glikes (Ret), *Chairman*

Bobby A. Grigsby, CPA, Vice-Chairman; William M. Coenen, Secretary; Julie A. Beck, MT(ASCP)SBB; Stephen J. Brown, MT(ASCP)SBB; Frances S. Chizeck; Gene A. Erickson; Eugene S. Forrester; Lawrence F. Huelsman, Jr.; Janelle Lynam; Jane Mackey; Lawrence L. Moore; John E. Mullooney; H. J. Olmstead; Hayle B. Randolph, MT(ASCP); Page D. Sanchez, MHS, MT(ASCP)SBB; James R. Shaw; Judi A. Sherwin, MT(ASCP)SBB; Robert Travis, MT(ASCP)SBB; Ronald G. Wilkins; Barbara Zimmerman, MT(ASCP)SBB.

Representative to SSCC, Col. R. James Glikes (Ret.); Representative from SSCC, Cynthia Murray, MT(ASCP)SBB.

Purpose: To enhance the professionalism associated with blood banking administration and to provide a voice on the AABB Board of Directors, through an elected representative. To conduct studies and administrative programs, and provide services that further the best interests of the Association.

The Administrative Section Coordinating Committee is responsible for the coordination of the affairs of the Administrative Section. It is composed of a chairperson and four elected representatives from each of the five AABB districts.

The Administrative Section is made up of over 500 individuals, desirous of serving in positions of responsibility within the Association. It continues to actively recruit individuals for membership in the Administrative Section who are willing to share their talents with the Association.

In 1985 the Planning and Coordination Subcommittee formalized a "growth track" for the members of the Administrative Section. These are the steps that were followed:

Election to one of the four ASCC representative positions from your district. (There are five districts). Appointment by ASCC chairman to one of three subcommittees:

Management and Marketing, Education, or Donor Recruitment/Public Relations. Appointment to the Planning and Coordination Subcommittee with liaison responsibilities to the other three subcommittees. Opportunity to be considered for further service to the AABB as a Board or Committee member.

The Administrative Guidelines have been revised and will be voted on at the 1986 Annual Section Meeting. A glossary of Standardized Blood Banking Administrative Terms is being refined. A first draft for a Mobile Management Self Analysis is being prepared (in conjunction with the Nursing/Donor Room Personnel Committee) to help evaluate mobile productivity.

The Marketing and Management Subcommittee published *Volume I of the AABB Administrative Manual* and the new *Dictionary of Community Blood Banks* in 1985. A contract was signed for group purchasing through the AABB for anti-HTLV-III and HBsAg tests. The Group Purchasing Program has increased the number of products offered. Policies have been set regarding the failure to fulfill a commitment. A mechanism for requesting Courtesy Administrative Reviews through the Chairman of the ASCC also was developed.

The Education Subcommittee prepared an Administrative Program for the 1985 Annual Meeting which provided over 30 percent of the total programming offered. The National Affairs Symposium, planned with the Scientific Section Coordinating Committee, was titled "Competitive Forces in the Blood Banking Environment." It featured Ross D. Eckert and Edward L. Wallace, authors of *Securing a Safer Blood Supply*. Due to overwhelming success of the CEO Forums, additional forums for other peer groups are planned for future annual meetings.

A Donor Recruitment/Public Relations Needs Assessment Survey was developed by the Donor Recruitment/Public Relations Subcommittee to provide institutional members the opportunity to indicate types of recruitment and public relations materials they want the National Office to provide. The National Corporate Recognition Program was initiated with over 300 entries being received. The Subcommittees worked in conjunction with the National Office in the development and implementation of the 1985 Volunteer Blood Donor theme: "Lend a Hand For Life. Give Blood." In addition, two issues of donor recruitment *News and Views* were published. Ongoing updates on the impact of legislation on high school blood drives were provided to the National Office.



Alfred J. Grindon, MD,
Chairman



Thomas F. Zuck, MD, Col., MC
USA

Scientific Section Coordinating Committee

Alfred J. Grindon, MD, Chairman

Cynthia Murray, MT(ASCP)SBB, Vice-Chairman; M. Jane Wilson, MT(ASCP)SBB, Secretary; Harvey J. Alter, MD; Malcolm L. Beck, FIMLS, MIBiol; Paul V. Holland, MD; Peter D. Issitt, FIMLS, MIBiol, MRCPath; W. John Judd, FIMLS, MIBiol; Naomi L. C. Luban, MD; Delores M. Mallory, MT(ASCP)SBB; Paul Ness, MD; Susan D. Rolih, MS, MT(ASCP)SBB; Edward L. Synder, MD; W. Michael Tregellas, MT(ASCP)SBB; Charles H. Wallis, MD.

Representative to ASCC, Cynthia Murray, MT(ASCP)SBB; Representative from ASCC, Col. R. Glikes (Ret.).

Purpose: To provide a recognized mechanism through which interested individual members may vote for representation on the Board and express their views and positions on the scientific and general affairs of the Association; to keep the Board informed on new scientific, technical and clinical developments in blood banking.

The Scientific Section Coordinating Committee spent a great deal of time this past year working with the Planning Council of the Board looking at new and innovative ways to structure the organization that might better serve the needs of the AABB and the members of the Scientific Section. While no immediate changes were forthcoming as a result of this effort, the committee feels this is an important mechanism to heighten the awareness of the need to increase the influence of individuals in the affairs of the Association. As a result of continued efforts to increase the role of individuals in the Association, AABB members voted at the Annual Meeting to change the *Bylaws* so that the Section representatives to the Board need not be from Institutional Members.

The Coordinating Committee for the Scientific Section has worked this year to increase two-way communication with the members of the Section by developing a mailing list of members, sending them a newsletter and asking for input in specific areas.

The SSCC has formed task forces to improve the efficiency of its operation. The success of this structure has allowed it to work a great deal more effectively during the past year. As a result of concerns expressed at the SSCC Annual Meeting in San Antonio, the Scientific Section Coordinating Committee has assisted in examina-

tion of the mechanism of selection of scientific abstracts and provided suggestions for change to the Abstract Selection Committee, which implemented substantial changes in this procedure.

At the request of the Board of Directors, SSCC solicited ideas from committee chairmen and members of the Scientific Section for research initiatives. These were collated and transmitted for the AABB to the NHLBI Advisory Committee. Together with the ASCC, the SSCC co-sponsored the well-received National Affairs Symposium on competitive forces in blood banking. The committee worked to examine advances in home transfusion therapy, along with problems and constraints involved in this practice. These efforts culminated in a RAP session, co-sponsored with the Committee on Scientific Programs, a position paper for the AABB to be published in *Transfusion*, and a workshop co-sponsored by Committee on Workshops, to be presented at the Annual Meeting in San Francisco. The SSCC revised, edited, and made available on request, the reports on biotechnology.

Transfusion

Editor, Thomas F. Zuck, MD, Col., MC, USA

Associate Editors:

George Garratty, PhD, FIMLS, MRC Path
S. P. Masouredis, MD, PhD
William V. Miller, MD
Harold A. Oberman, MD
Peter Issitt, FIMLS, MIBiol, MRC Path

Transfusion, with a worldwide circulation of over 12,000, is supported by the Association to provide an international forum which members and other workers in transfusion medicine may consult for advances in the field, reviews, and other pertinent contributions. Submissions are judged solely on scientific merit and those received from Association members are not given priority.

The editorial content of the last four and the current volume has been managed by an editor with the assistance of five associate editors. This editorial structure provides broad expertise to make publication decisions, and expedites the decision process. To produce a timely journal and decrease the time between final acceptance for publication and appearance in print, it is necessary to control the number of papers accepted; selection criteria are rigorous and the acceptance rate low. Nevertheless, the number of manuscripts received by the journal has grown. The number of papers received from abroad also continues to grow. Thus, increased participation by foreign authors in the affairs of the journal mirrors the increasing in-

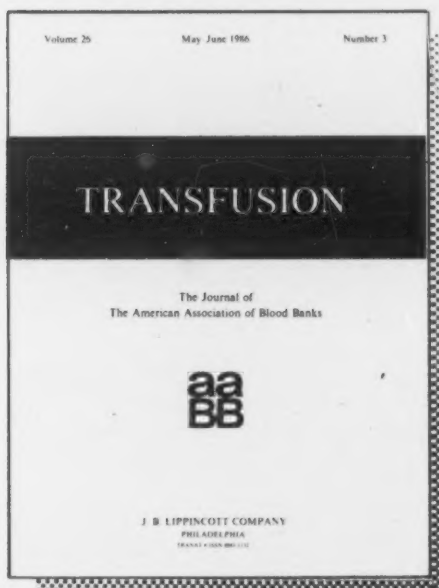


Edwin A. Steane, PhD,
Chairman

ternational participation in the affairs of the Association. An increase in papers related to donor management also has occurred over the past year.

Authors have been encouraged to submit correspondence, which is indexed by subject, to report important observations which are either not suited for or do not merit more lengthy papers. Comments about editorial material appearing in the journal also are encouraged. The "Annotation" section added last year appears to be well-received.

The editorial board develops editorial policies and provides valuable guidance to the editor at its meeting during the AABB Annual Meeting. This editorial board remains committed to scientific integrity, timely publication, and high-quality production. As with the many vital activities of the Association, the editorial board, the associate editors, and the editor serve as volunteers and remain dedicated to producing the highest quality journal possible.



AABB Foundation

Edwin A. Steane, PhD
Chairman

Edward O. Carr, MT(ASCP)SBB; Harvey G. Klein, MD; Thomas A. Lane, MD; Serafeim P. Masouredis, MD, PhD; Brian P. McDonough; Hayle B. Randolph, MT(ASCP); Charles A. Schiffer, MD; Peter A. Tomasulo, MD; Eugene M. Berkman, MD and Laurence A. Sherman, MD, Ex-officio Members.

The Foundation, established in 1984, was able to fund four grants in 1985, for a total of \$28,980. The grants were awarded to:

- J. Brooks Jackson, MD, Minneapolis, MN, for Detection of Human CMV in the Peripheral Blood of Healthy Blood Donors by RNA-DNA and DNA-DNA Hybridization.
- Jane M. Rachel, MA, MT(ASCP), Kansas City, MO, for Evaluation of a Prospective Solid-Phase Platelet Crossmatch.
- Melanie S. Kennedy, MD, Columbus, OH, for Managerial Role Delineation for Blood Bank Specialists.
- James P. Au Buchon, MD, Rochester, NY, for Use of Indium¹¹¹ as a Red Cell Label in Survival Studies.

AABB members contributed more than \$37,000 in 1985, including gifts to special funds in memory of Lorry C. Rose and Lois J. James. These gifts enabled the Foundation's base to grow to \$630,000. The Foundation's Board of Trustees established a development committee to prepare for major fund-raising activities in 1986.

Grant applications for funding through the Foundation are accepted through January 31 for funding beginning in July.

Data Report

The data shown on the following pages were summarized from the 1985 AABB Institutional Membership Questionnaire, reflecting membership activity during 1984. The Questionnaire was returned by

2,068 of the 2,274 Institutional Members. This represents a 10% increase in reporting facilities and should be considered in evaluating the % change figures.

Type A—Blood center or hospital collecting donors and distributing blood and components to other facilities.

Type C—Hospital transfusion service which draws fewer than 100 donors per year.

Type B—Hospital blood bank which draws more than 100 donors per year.

Total Number of Reported Units Drawn

Total Numbers of Reported
Units Drawn, 1984 = 7,550,389 (685 Facilities)
Units Drawn, 1983 = 6,328,927 (626 Facilities)
Percent of Change, = + 19.3%

Number of Units Drawn and Facility Percentages

Type A Facilities (Regional Blood Centers)	1984	1983
Number of Facilities Reporting	121	111
Number of Units Drawn	5,856,780	5,347,140
Percent of Total Units Drawn	77.6	84.5

Type B Facilities (Hospital Blood Banks)

Number of Facilities Reporting	439	388
Number of Units Drawn	1,687,400	974,820
Percent of Total Units Drawn	22.3	15.4

Type C Facilities (Hospital Transfusion Services)

Number of Facilities Reporting	125	127
Number of Units Drawn	6,209	6,927
Percent of Total Units Drawn	0.1	0.1

Total Units Transfused

1984 = 14,106,619 (2,065 Facilities Reporting)
1983 = 12,307,803 (1,892 Facilities Reporting)

Percent of Change = +14.6%

Total Number of Facilities Reporting

	A	B	C	Total
1984	121	449	1,598	2,068
1983	111	394	1,387	1,892

Transfusion By Facility Type

Year	Regional Blood Centers		Hospital Blood Banks		Hospital Transfusion Services	
	% of Total Units Transfused	Total Number of Facilities Reporting	% of Total Units Transfused	Total Number of Facilities Reporting	% of Total Units Transfused	Total Number of Facilities Reporting
1984	1.4	18	34.2	449	64.4	1,598
1983	1.6	10	33.3	394	65.0	1,387

Procedures Performed in 1984

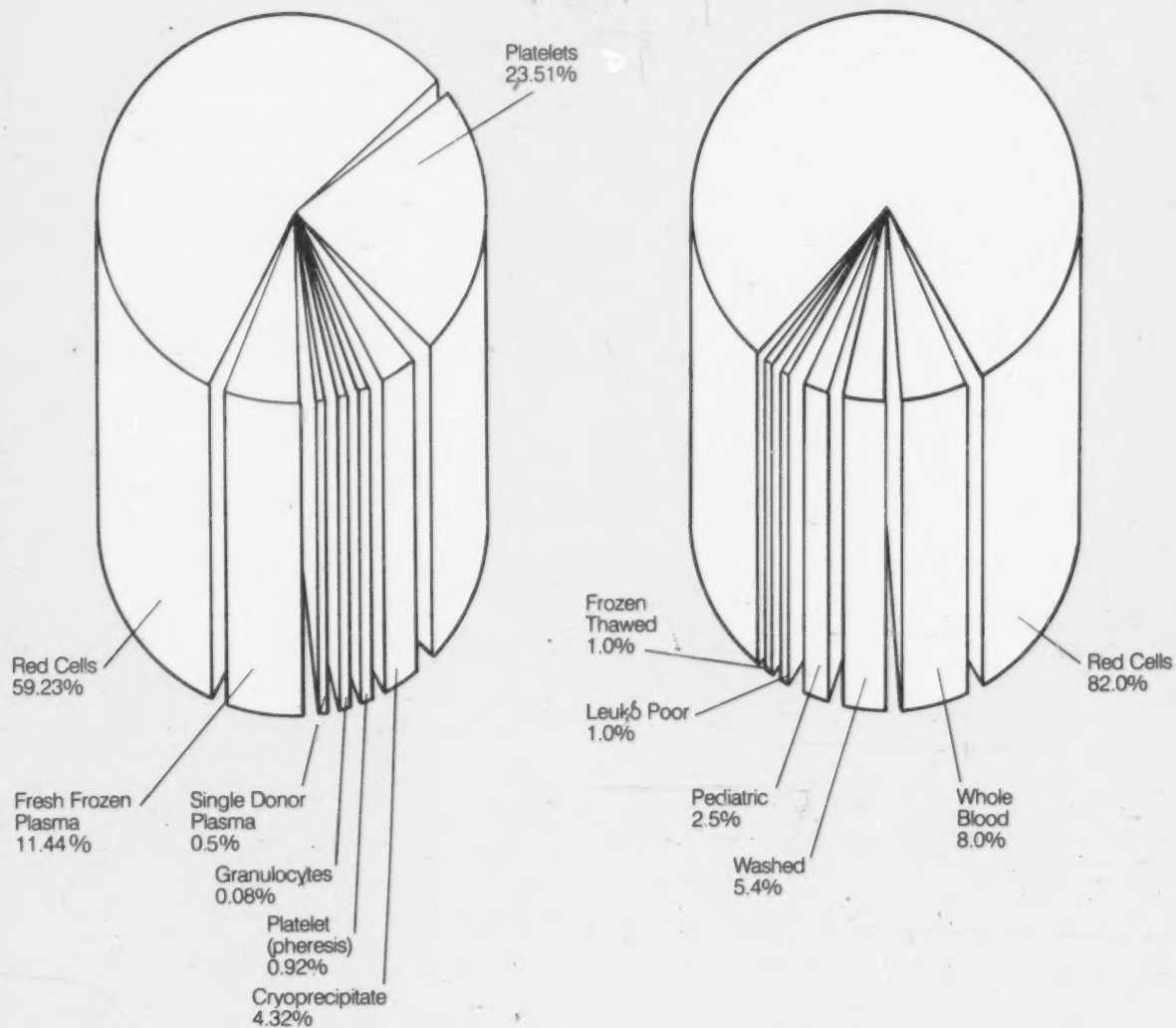
	Number of Procedures Performed													
	Total Facilities Reporting		Change in Number of Facilities Reporting		Blood Centers		Hospital Blood Banks		Trans. Services		Total		Change From Prior Year	
	'83	'84	'83	'84	'83	'84	'83	'84	'83	'84	'83	'84	'83	'84
Autologous Transfusion	435	666	-14%	+51%	8,954	17,665	13,648	21,176	3,866	6,742	26,468	45,583	+41%	+72%
Therapeutic Phlebotomy	878	975	-18%	+11%	7,391	10,504	20,376	24,011	18,193	19,521	45,960	54,036	-11%	+18%
Donor Plasmapheresis	79	90	-17%	+14%	2,611	7,401	8,823	6,904	109	158	11,543	14,463	-45%	+25%
Donor Platelepheresis	239	270	-9%	+13%	17,364	19,303	38,120	41,711	3,589	2,234	59,073	63,248	+44%	+7%
Donor Leukapheresis	180	199	-11%	+10%	3,583	4,120	3,367	3,867	632	739	7,582	8,726	-46%	+15%
Therapeutic Apheresis	257	288	-15%	+12%	4,474	5,644	9,451	12,494	5,513	5,005	19,438	23,143	-23%	+19%

Total Crossmatches, Crossmatch to Transfusion Ratio and Percentage of Total Crossmatches, by Facility Type

Total Crossmatches		Crossmatch to Transfusion Ratio		Percent of Crossmatches by Facility	
1983	1984	1983	1984	1983	1984
16,259,760	17,448,624	2.17	2.09	A- 3.5	A- 3.3
				B-31.2	B-31.7
				C-65.3	C-65.0

Estimated Outdated and Discarded Red Blood Cell Containing Component Units

	1984	1983
Total Units Transfused	8,355,240	7,483,843
Units Outdated	443,109	400,835
Total Units Available	8,798,349	7,884,678
% Outdated	5.0%	5.0%



**Total Transfusions,
All Components = 14,106,619 (1984)
12,307,803 (1983)**

**Total Red Cell Components
Transfused = 8,355,240 (1984)
7,483,843 (1983)**

Financial Statements

American Association of Blood Banks Financial Statements For the Years Ended December 31, 1985 and 1984 with Audit Report of Certified Public Accountants

Treasurer's Report

The financial statements of the American Association of Blood Banks for the year 1985 are presented on the following pages. The records of the Association have been audited by Frank & Company, P.C., certified public accountants.

The results for the year were in accord with the long range plan and the Association remains in a sound fiscal position.

Laurence A. Sherman, MD
Treasurer

To the Board of Directors
American Association of Blood Banks

We have examined the combined balance sheet of the American Association of Blood Banks at December 31, 1985 and the related statements of revenues, expenses, and changes in operating fund balance, and changes in financial position for the year then ended. Our examination was made in accordance with generally accepted auditing standards and, accordingly, included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances. The financial statements for the year ended December 31, 1984, were examined by other auditors whose report dated March 22, 1985, expressed an unqualified opinion on those statements.

In our opinion, the statements referred to above present fairly the financial position of the American Association of Blood Banks at December 31, 1985, and the results of its operations and the changes in its financial position for the year then ended, in conformity with generally accepted accounting principles applied on a basis consistent with that of the preceding year.

Our examination was made for the purpose of forming an opinion on the basic financial statements taken as a whole. The supplemental schedule of combined functional expenses is presented for purposes of additional information and is not a required part of the basic financial statements. Such information has been subjected to auditing procedures applied in the examination of the basic financial statements, and in our opinion, is fairly stated in all material respects in relation to the basic financial statements taken as a whole.

Frank & Company, P.C.
McLean, Virginia 22101
March 18, 1986

**American Association of Blood Banks
Combined Balance Sheets
December 31, 1985 and 1984
Supplemental Combining Information for 1985**

Assets	AABB	AABB Foundation	1985 Combined	1984 Combined
Current assets:				
Cash	\$ 327,596	\$ -	\$ 327,596	\$ 174,120
Time deposits and savings accounts	1,270,667	632,659	1,903,326	1,400,417
Accounts receivable, net	117,299	-	117,299	174,291
Clearinghouse receivables, net				
Units of blood and replacement fees	229,305	-	229,305	222,429
Processing and service fees	708,922	-	708,922	724,542
Cooperative fees	115,579	-	115,579	111,757
Inventories—publications and promotional materials				
net of valuation reserve	365,218	-	365,218	291,739
Prepaid expenses and other	8,883	-	8,883	18,329
Total current assets	3,143,469	632,659	3,776,128	3,117,624
Property and equipment:				
Office furniture and equipment	293,150	-	293,150	266,457
Leasehold improvements	15,341	-	15,341	15,341
Accumulated depreciation and amortization	(145,008)	-	(145,008)	(105,041)
Property and equipment—net	163,483	-	163,483	176,757
TOTAL	\$3,306,952	\$ 632,659	\$3,939,611	\$3,294,381
Liabilities and Capital				
Current liabilities:				
Accounts payable and accrued expenses	\$ 231,203	\$ -	\$ 231,203	\$ 241,700
Payable to co-sponsor of program	139,353	-	139,353	153,446
Clearinghouse payables:				
Units of blood and replacement fees	189,108	-	189,108	151,536
Processing and service fees	397,349	-	397,349	347,798
Cooperative fees	60,154	-	60,154	64,294
Deferred income:				
Membership dues and other	292,988	-	292,988	172,461
Viral Hepatitis				
Survey Program	139,353	-	139,353	153,446
Culpeper Foundation Grant	5,072	-	5,072	25,257
Parentage Specimen Program	8,357	-	8,357	16,043
Total current liabilities	1,462,937	-	1,462,937	1,325,981
Capital funds:				
Operating fund:				
Undesignated	1,787,875	-	1,787,875	1,346,176
Designated AABB Foundation	-	632,659	632,659	566,084
Total	1,787,875	632,659	2,420,534	1,912,260
Donated capital	56,140	-	56,140	56,140
Total capital funds	1,844,015	632,659	2,476,674	1,968,400
TOTAL	\$3,306,952	\$ 632,659	\$3,939,611	\$3,294,381

**Combined Statements of Revenue and Expenses and
Changes in Operating Fund Balance for the Years
Ended December 31, 1985 and 1984 with
Supplemental Combining Information for 1985**

	AABB	AABB Foundation	1985 Combined	1984 Combined
Revenue				
Membership dues	\$1,158,608	\$ -	1,158,608	\$ 971,922
Publication, promotional and other material sales	1,124,303	-	1,124,303	669,398
Annual meeting	762,836	-	762,836	741,409
Clearinghouse transaction fees	441,616	-	441,616	475,637
Interest income	136,194	57,609	193,803	180,950
Technical programs	335,001	-	335,001	160,811
Miscellaneous	77,355	-	77,355	26,816
Donations	-	37,946	37,946	-
Donations in kind	-	-	-	26,910
Total revenue	<u>4,035,913</u>	<u>95,555</u>	<u>4,131,468</u>	<u>3,253,853</u>
Expenses				
Member services, including communications and public relations	694,223	-	694,223	734,586
Cost of publication, promotional and other Material sales	587,556	-	587,556	357,744
Annual meeting	631,041	-	631,041	582,868
Scientific and education	532,056	-	532,056	406,888
Executive management	252,612	-	252,612	295,322
General administration	482,670	-	482,670	370,741
Clearinghouse expenses	414,056	-	414,056	535,810
Grant Awards	-	28,980	28,980	-
Total expenses	<u>3,594,214</u>	<u>28,980</u>	<u>3,623,194</u>	<u>3,283,959</u>
Excess (deficiency) of revenue over expenses	441,699	66,575	508,274	(30,106)
Operating fund, beginning of year	1,346,176	566,084	1,912,260	1,942,366
Operating fund, end of year	<u>\$1,787,875</u>	<u>\$ 632,659</u>	<u>\$2,420,534</u>	<u>\$1,912,260</u>

See accompanying notes to financial statements.

**American Association of Blood Banks
Combined Statements of Changes in Financial Position
For the Years Ended December 31, 1985 and 1984**

	<u>1985</u>	<u>1984</u>
Sources of funds:		
Excess (deficiency) of revenue over expenses	\$ 508,274	\$ (30,106)
Expense not requiring funds in the current period:		
Depreciation	39,967	31,686
Bad debt expenses	-	811
Funds provided (used) by operations	<u>548,241</u>	<u>2,391</u>
Increase in:		
Net clearinghouse receivables and payables	87,905	-
Deferred income	78,563	135,084
Payable to co-sponsor of program	-	8,316
Decrease in:		
Accounts receivable	56,992	-
Other assets	9,446	20,233
Property and equipment disposals, net	<u>-</u>	<u>7,808</u>
Total sources of funds	<u>781,147</u>	<u>173,832</u>
Uses of funds:		
Increase in:		
Accounts receivable	-	18,549
Net clearinghouse receivables and payables	-	129,866
Inventories	73,479	20,626
Purchase of furniture and equipment	26,693	22,078
Purchase of leasehold improvements	-	1,697
Decrease in:		
Bank overdrafts	-	18,353
Accounts payable and accrued expenses	10,497	169,513
Payable to co-sponsor of program	<u>14,093</u>	<u>-</u>
Total uses of funds	<u>124,762</u>	<u>380,682</u>
Increase (decrease) in funds	656,385	(206,850)
Cash, time deposits and savings accounts, beginning of year	<u>1,574,537</u>	<u>1,781,387</u>
Cash, time deposits, and savings accounts, end of year	<u>\$2,230,922</u>	<u>\$1,574,537</u>

See accompanying notes to financial statements.

American Association of Blood Banks Notes to Financial Statements For the Years Ended December 31, 1985 and 1984

Summary of significant accounting policies

Revenue Recognition—Membership dues are payable in advance on a calendar year basis. Amounts collected which apply to the following fiscal year are recorded as deferred income and recognized ratably over the calendar year. Revenue earned on the viral hepatitis survey programs is recognized on a deferred basis until the conclusion of each annual survey.

Subscriptions to *Blood Bank Week* are on a calendar year basis and any amounts collected in advance are recorded as deferred income until the following calendar year.

Inventories—Consisting of publications and promotional materials are stated at first-in, first-out cost not in excess of market. The December 31, 1985 inventory cost has been reduced by a valuation reserve of \$25,000 in order to reflect any possible reduction in inventory value due to obsolescence.

Depreciation—Depreciation of property and equipment is determined on the straight-line basis over estimated useful lives as follows:

Furniture and equipment 5 to 10 years
Leasehold improvements shorter of lease term or useful life

The AABB Foundation—Is a designation of the Association's operating funds established by the Board of Directors. Interest earned on the original funds designated is to be utilized for research grants in the blood banking field. During fiscal year 1985 the Foundation received \$37,946 in membership gift income and awarded \$28,980 in the form of grant awards. Interest was earned on Foundation investments at December 31, 1985 and 1984 of \$57,609 and \$52,725, respectively.

Clearinghouse operations

Accounts receivable and accounts payable—Amounts due to or from participating blood banks for blood units and replacement fees are stated at fair market value. Units of blood and replacement fees accounts receivable are presented net of allowance for doubtful accounts at December 31, 1985 and 1984 of \$2,665 and \$1,702, respectively.

Processing and service fees are charged to receiving blood banks for each unit of blood received by them and are paid through the clearinghouse to the shipping blood banks. The clearinghouse charges a transaction fee of \$.40 for each unit of blood shipped. Processing fees receivable at December 31, 1985 and 1984 are presented net of allowance for doubtful accounts of \$5,663 and \$9,190, respectively.

Viral hepatitis marker survey program

The Association co-sponsors and operates annual viral hepatitis marker surveys with the College of American Pathologists. At the conclusion of an annual survey, the co-sponsor receives 50% of the net survey proceeds plus estimated interest earned on 50% of the cash received by the Association from survey participants.

Survey	1986-1987 Hepatitis Survey	1985-1986 Hepatitis
Deferred income balance—beginning of year	\$ -	\$ 142,173
Plus: Additional billings	151,054	103,443
Less: Survey expenses	(965)	(116,998)
Amount due co-sponsor	(75,045)	(64,309)
Deferred income end of year	\$ 75,044	\$ 64,309

The Association recognized revenue from these surveys of \$48,865 and \$5,659 in 1985 and 1984, respectively.

Culpeper Foundation grant

In 1983 the Association received a grant from the Culpeper Foundation to develop a self-study course on blood component therapy. The study was completed during fiscal year 1985 and, therefore, the Association has recognized the remaining revenue from the grant at December 31, 1985. Revenue of \$20,000 and \$29,304 has been recognized in 1985 and 1984, respectively.

Pension plan

Effective January 1, 1982, the Association adopted a defined contribution pension plan covering substantially all full-time employees. On March 12, 1985, the Plan was restated to incorporate and clarify tax law changes and regulations which have become effective in the past few years, particularly those pertaining to top-heavy provisions. The restated plan is effective retroactively to January 1, 1984. The Association's annual contribution as defined in the plan, is based on certain percentages of the participant's compensation for the preceding plan year.

Benefits related to employer contributions begin vesting after two years of service, and become fully vested at nine years. Employees may make annual voluntary contributions to the plan of up to \$2,000 plus 10% of their annual compensation as of the last day of the plan year. Pension expense was \$31,998 and \$25,809 for the years ended December 31, 1985 and 1984, respectively.

Income tax status

The Association is exempt from federal income taxes under the provisions of Section 501(c)(3) of the Internal Revenue Code.

Lease commitments

At December 31, 1985, the Association is obligated under noncancelable leases for equipment and office space which expire through 1992. A portion of the office space is sublet under a noncancelable lease through 1986 for a total rental income of \$3,000 during 1986. As of December 31, 1985, minimum future rental payments under each of the next five years and in the aggregate are:

Year ended December 31,	
1986	\$ 219,492
1987	201,880
1988	186,172
1989	181,979
1990	181,979
1991-1992	363,957

Total minimum future rental payments	<u>\$1,335,459</u>
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Total rental expense was approximately \$200,000 and \$188,000 for the years ended December 31, 1985 and 1984, respectively.

Sustaining Members and Foundation Contributors, 1985

The following institutions and individuals were AABB Sustaining Members or contributed to the AABB Foundation in 1985. Sustaining membership indicates support of the principles, programs, and objectives of the AABB. Funds enable Association activities not otherwise possible. Contributions to the Foundation are used to support research in blood banking and transfusion medicine.

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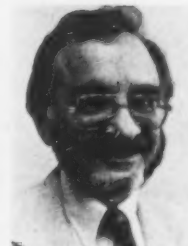
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Executive Director's Report



Gilbert M. Clark, Esq.

The challenge of AIDS continued to dominate the Association agenda during 1985. As a result, much of the activity of the AABB staff was driven by this single, yet multifaceted, issue. AIDS has created a need within blood banking for policy development, education, information dissemination, regulatory and legislative advocacy, and a variety of other responses for which an association is aptly suited. The AABB has risen to the challenge of AIDS, creating new committees and work groups, tasking existing committees, and generally involving all facets of the organization in the ongoing efforts to assure the American public of a safe and adequate blood supply. The professional staff of the Association has been privileged to play a role in this exciting process.

There were several areas of endeavor which were particularly gratifying to staff during 1985. One was the final development of *Blood Bank Week* into an important and very well-received vehicle for information within our profession. Another was to help in the organization of a conference on transfusion legal issues along with the National Health Lawyers Association in September. We were challenged by the blood shortages which occurred in late summer and fall to develop an AIDS public information program, and were able to do so. This was a difficult challenge, but the positive response of the membership made the work well worth the effort. Of course, we all experienced seeing a tremendous amount of effort pay off in the extremely successful meeting in Miami Beach.

There were other highlights as well, such as a new edition of the *Technical Manual* and a variety of other publications. These activities were those which involved staff as support for the outstanding work of

Association members. Within the National Office itself, change was ever present. We continued to improve our accounting systems and to take management actions wherever appropriate to effectuate efficiency, economy and productivity. As a result, National Office operations were well under budget. Staff was able to generate the effort necessary to support Association activities despite the loss of several staff positions. The additional workload was absorbed by the remaining staff, who are to be complimented for their efforts.

Toward the end of 1985, a variety of events, including the tragic death of a longtime and valued employee of the Association, Lorry Rose, precipitated the development of a plan to reorganize the staff. This plan was presented to the Board in January, 1986, approved, and has been implemented. The plan was calculated to increase the effectiveness of the Association as a whole by adding additional professionalism in certain areas, particularly administration and finance, marketing and development of services, Foundation support and development, member services, education and information dissemination, and public affairs. I hope to be able to report to you soon that the reorganization has resulted in improvement in these areas. For an Association to remain viable in a period of rapid change and confrontation, it must develop an organizational structure capable of both reaction and proaction. Hopefully, this is being done within the AABB.

Without question, 1985 was a challenging year, but I believe that the Association responded. Staff enjoyed being a part of that response.

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